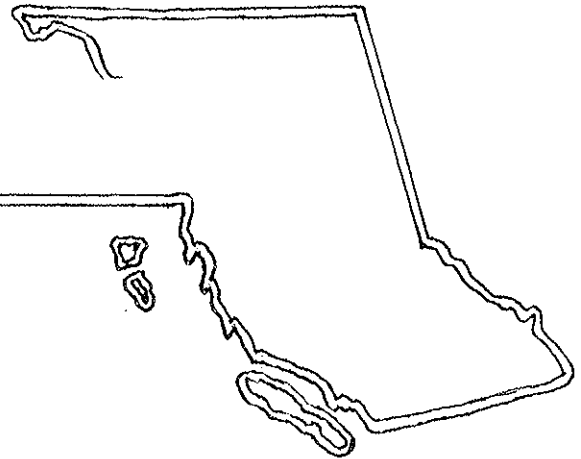


PRODUCTION 95



A STATUS REPORT ON THE PRODUCTION OF HEALTH PERSONNEL IN THE PROVINCE OF BRITISH COLUMBIA

HHRU 96:4

Health Human Resources Unit
Centre for Health Services and Policy Research
The University of British Columbia
Vancouver, British Columbia V6T 1Z3

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HEALTH HUMAN RESOURCES UNIT

The Health Human Resources Unit (HHRU) of the Centre for Health Services and Policy Research was established as a demonstration project by the British Columbia Ministry of Health in 1973. Since that time, the Unit has been carried on an ongoing basis within the Ministry's annual operating budget. The Unit undertakes a series of research studies that are relevant to health human resources management and to public policy decisions.

The HHRU's research agenda is determined through extensive discussions of key current issues and available resources with the members of the Health Human Resources Working Group of the Ministry of Health. Various health care provider groups participate indirectly, through on-going formal and informal communication with Ministry of Health officials and with HHRU researchers.

Three types of research activity are variously included on the Unit's research agenda and draw on different skills and research expertise of its faculty and staff. In conjunction with the professional licensing bodies or associations, the HHRU develops and maintains a co-operative health human resources database. The Unit uses these data to produce regular status reports that provide a basis for future in-depth studies and for health human resources planning. The Unit conducts in-depth studies that have a particular policy relevance or assess the impact of specific policy measures, based on secondary analyses of data from the co-operative database or primary data collected through large-scale surveys. The HHRU also conducts specific projects pertaining to the management of health human resources at local, regional, or provincial levels.

Copies of studies and reports produced by the HHRU are available at no charge.

Health Human Resources Unit
Centre for Health Services and Policy Research
429 - 2194 Health Sciences Mall
Vancouver, British Columbia
V6T 1Z3 (604) 822-4810

ACKNOWLEDGEMENTS

Special appreciation is extended to those people in colleges, universities, institutes, and hospitals throughout the province who took time to respond to the questionnaire and to the many additional questions posed over the telephone. A list of the names of these people may be found in Appendix C.

PRODUCTION 95 represents eight months of surveying, data entry, text and table preparation, and proof-reading. Allyson MacDonald coordinated the project, and was responsible for sending out the surveys, telephone follow-up for missing surveys/information, data entry, and report preparation. Laura Wood assisted with the final editing. The database programming for this edition was done by Harold Yip. Maureen Rodgers was responsible for preparing the report for printing. Tables were produced on a IBMTM compatible PC running under DOSTM 6.2 and Windows 95TM using ExcelTM v. 7.0. Text was produced using WordTM v. 7.0. All printing was done on a QMS 815 PostscriptTM laser printer.

Finally, financial support from the British Columbia Ministry of Health and The University of British Columbia is gratefully acknowledged.



Health Human Resources Unit
Centre for Health Services and Policy Research
429 - 2194 Health Sciences Mall
Vancouver, B.C. Canada V6T 1Z3
Tel: (604) 822-4810
Fax: (604) 822-5690

October 30, 1996

Ms. Christine Nicholls
Chair
Health Human Resources Working Group
Ministry of Health
1515 Blanshard Street
Victoria, B.C. V8W 3C8

Dear Ms. Nicholls:

It is with pleasure that I transmit to you and to the members of the Health Human Resources Working Group the thirteenth edition of our *PRODUCTION* series, *PRODUCTION 95*.

This edition contains 285 active program offerings of 161 programs in twenty-one service areas. There were nineteen new program offerings this year. Community colleges offer 31.2 percent of the program offerings, while 29.1 percent are offered by universities, 22.5 percent by university-colleges, and the remaining 17.2 percent are offered by institutes, agencies, hospitals and private institutions.

The format for this report is similar to *PRODUCTION 93*. The statistical tables contain data on the number of applicants, enrolment, and graduates for the academic years 1994/95 to 1996/97. Extensive follow-up efforts again this year enabled us to increase the quantity and accuracy of the information presented, and the final response rate was 93.6 percent.

While we strive to provide an accurate picture of the situation, respondents sometimes reported difficulty or reluctance in estimating graduates for the current academic year (1995/96), and enrolment and graduates for the next academic year (1996/97). Consequently, statistics are as accurate as the program directors could make them, given the uncertainties inherent in such projections. The numbers are not official; estimates of applicants, enrolment, graduates, and plans for new programs are those reported by the various institutions.

As always, we look forward to your comments and suggestions.

Sincerely,

Arminée Kazanjian, Dr. Soc.
Associate Director
Centre for Health Services and Policy Research

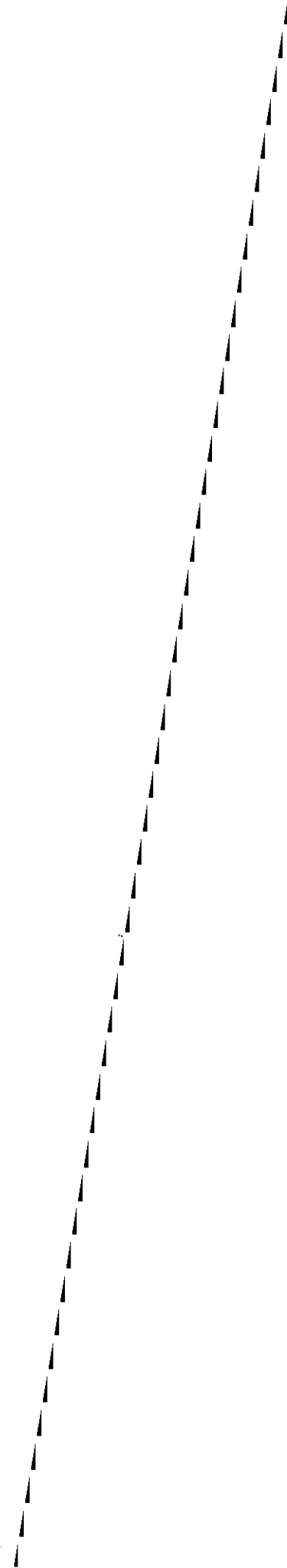


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INTRODUCTION

PRODUCTION 95 is the thirteenth in a series of reports produced by the Health Human Resources Unit (HHRU) at The University of British Columbia. It describes the training programs for health and human services personnel in British Columbia. Information for *PRODUCTION 95* was collected through questionnaires mailed to approved post-secondary institutions in the province, hospitals with known educational programs, and to selected private educational institutions. The questionnaires were mailed directly to selected program directors, identified either from responses in previous years or through university/college calendars.

Unlike *PRODUCTION UPDATE 94*, which limited the programs surveyed to a select group, the survey for *PRODUCTION 95* made every effort to include all health and health-related human services education programs in B.C. An additional unknown number of programs are offered by various private institutions that, historically, have not been included in the survey. There is interest in trying to include these programs in future editions. Also covered are graduate-level University science programs which are prerequisites for those students who anticipate professional careers in the health sciences. In addition, this series of reports includes continuing education programs for which certificates or credit are given.

The response to the survey was good this year. The final response rate by program offering was 93.6 percent. The non-respondent program offerings are summarised in the table below:

College/University	Program
British Columbia Institute of Technology	Medical Office Assistant
	Health Care Management Level I
	Health Care Management Level II
Camosun College	Medical Office Assistant
Kwantlen University College	Dental Receptionist
	Nursing Unit Clerk
	Counselling Skills
	Geriatric Activity Coordinator
Langara College	Social Services Worker (Certificate)
North Island College	Medical Receptionist
Northwest Community College	Occupational First Aid
Okanagan University College	Rehabilitation Assistant
University College of the Cariboo	Human Service Worker (both specialisations)
University College of the Fraser Valley	Community Support Worker
	Social Service Worker
	Substance Abuse Counselling - Diploma
	Substance Abuse Counselling - Certificate
	Bachelor of Social Work
	Resident Care Attendant

The value of *PRODUCTION 95*, like that of previous editions, is chiefly in its listing of available health and human services education programs in this province. The data, especially those that are projected, vary in reliability because they are sensitive to budget changes, numbers of acceptable applicants, and other factors. In addition, it is often difficult to accurately forecast the numbers of graduates, since attrition and the length of time part-time and distance education students will take to complete a program are subject to considerable variation. While we counsel caution in using the reported numbers, the contents are as correct as we and the respondents could make them. We suggest that you clarify with the particular institutions those numbers about which you may have a specific concern.

I. FORMAT

This introductory section is an overview of the information presented in the remainder of the report. Table 1 ("Summary Table on Supply Factors for Health Personnel in B.C.") begins by presenting a summary of the level, duration of training, requirements for practice, and human resources category and supply numbers, by field of study, for the selected programs included in this report. The table which follows shows the "Location of Existing and Proposed Educational Programs in Health and Human Services in British Columbia, September 1995" (Table 2). Table 3 examines the distribution by gender of graduates for those programs which provided that information, while Tables 4 and 5 compare the B.C. graduate numbers for selected programs, to those in Alberta and Canada overall, and to the current number of health personnel in B.C., respectively.

The main body of the report contains detailed descriptions of the health program offerings arranged alphabetically by service area and program. The Post-basic Nursing Services section is an exception; the programs are arranged so that the advanced diploma programs, post-basic baccalaureate programs, speciality certificate programs, and refresher programs are each grouped together. The descriptions are followed by statistical tables which include applicants to each program, enrolment (by year where appropriate), and graduates for the academic years 1994/95 to 1996/97.

Appendix A includes a table presenting a detailed distribution of Post-graduate Medical Residents training in British Columbia. Appendix B is a summary chart listing discontinued program offerings and new or added program offerings. A complete listing of participating educational institutions and the contact persons who were sent questionnaires and provided the information contained in this report is found in Appendix C. An index of program offerings by institution appears as Appendix D, and Appendix E contains a map of British Columbia depicting the twenty Health Regions.

(a) Interpreting the Statistical Tables

The statistical tables include data for the period between 1994/95 and 1996/97. Program offerings are described as full-time (FT), part-time (PT), both (B), or distance education (DE); "both" is used when data are combined for full-time and part-time and not available separately. Where separate data are available for full-time, part-time, and/or distance education, they are listed separately. Also included in each table is the breakdown of entrants, enrolment, and graduates by gender, where these data are available. If not available, the total number appears centred between the "Male" and "Female" columns. Enrolment data for Distance Education programs is often difficult to obtain, since enrolment can change on a day-to-day basis because students take a varying number of courses and a varying amount of time to complete the courses. Some Distance Education programs have therefore provided data on the total course registrations rather than actual students; these data are footnoted in the tables when they occur.

Since 1985, entrant and graduate numbers for the tables in the *PRODUCTION* series have been collected and presented on an academic year basis (September 1 to August 31), rather than a calendar year basis (January 1 to December 31). A few exceptions are made, and when they occur they are footnoted in the tables. One such exception is for programs which begin in August, in which case the August entrants were treated as though they entered in September and included with the following academic year, i.e. August 1994 entrants were listed under the 1994/95 academic year. We found this adjustment made it easier to read and interpret the data in the tables across time. Occasionally, data was only available based on a calendar or fiscal year, in these cases the irregularity is footnoted in the tables.

(i) Symbols

- * A star " * " in the tables indicates that the program offering did not yet exist or was no longer offered in the specified academic year.
- A dash " - " in the tables indicates that data were not appropriate or applicable. This is to be distinguished from a '0', which indicates data were available but there were no applicants, enrolment, or graduates.
- n/a The symbol " n/a " in the text or tables indicates that no data were available or supplied. This is also to be distinguished from a " 0 ", which indicates data were available but there were no applicants, enrolment, or graduates.

(ii) Definitions

Basic Level Program: Pre-employment program in a specific field.

Post-basic Level Program: Program taken in addition to basic training in a field.

Applicants: The number of qualified applications submitted to the program, from which enrolment was selected.

Enrolment: The number of students in the program, by academic year of study whenever the duration of the program exceeds one year.

Graduates: The number of students who successfully completed all the program requirements.

(iii) Abbreviations

B	Both full-time and part-time
BCIT	British Columbia Institute of Technology
BSN	Bachelor of Science in Nursing
BSW	Bachelor of Social Work
DE	Distance Education
ECE	Early Childhood Education
EIC	Employment and Immigration Canada
EKCC	East Kootenay Community College
ESL	English as a Second Language
F	Female
FT	Full-time
LPN	Licensed Practical Nurse
M	Male
NVIT	Nicola Valley Institute of Technology
NWBA	Northwest Band Association
OLA	Open Learning Agency
PT	Part-time
RN	Registered Nurse
RPN	Registered Psychiatric Nurse
UBC	University of British Columbia
VCC	Vancouver Community College

II. PROVINCIAL SUMMARY

(a) Supply Factors for Health Personnel in British Columbia

Table 1 contains a compendium of statistics incorporating detailed training and practice information that is usually available from different sources and presented in separate reports. This table provides an accurate and current descriptive summary of the production of health human resources in the province. It provides detailed specific information, by field of training, on level and duration of training, numbers trained, statutory requirements for practice, personnel category, number of active personnel, and number of reported *Difficult-to-Fill*¹ vacancies. The table is formatted for easy legibility and quick reference. The dotted lines indicate length of time required to complete prerequisites to a program. The information combined therein should be of interest to planners and policy makers in education, health and the labour market.

This table has been included in the *PRODUCTION* series of reports since 1985. When compared from year to year, it provides a quick picture of changes and trends in the types of programs being offered, the lengths of these program offerings, and the numbers graduating from them. Overall this year, there have been few changes to the programs compared to *PRODUCTION 93* and *PRODUCTION UPDATE 94*. Programs such as Dental Assisting, Dental Hygiene, Dentistry, Medicine, Pharmacy, Practical Nursing, Psychiatric Nursing, Occupational Therapy, and Physical Therapy have not changed since 1993/94, even the class sizes remain very consistent from year to year.

The number of entrants and graduates from the Medical Laboratory Technology programs is artificially low this year (only 20 entrants and 16 graduates in 1995/96, compared to 59 entrants and 51 graduates in 1994/95), due to the restructuring of both offerings of this program. B.C.I.T. restructured their program in September 1994 from a two year to a three year program, resulting in no graduates during the 1995/96 academic year, and the University College of the Cariboo is currently (1995/96) redesigning their program and had no entry in September 1995.

A trend in the Basic Nursing Services programs, is continuing. The Nursing Diploma program has now been (or will be by September 1996) replaced by the new combined diploma/baccalaureate program (Combined RN/BSN) at a total of eleven colleges/university colleges. In *PRODUCTION 93* there were six institutions who had replaced the Nursing Diploma program with the Combined program, and in *PRODUCTION UPDATE 94* there were seven. Approval is also pending at another college to switch to the Combined program next year.

¹ A survey to determine the number of difficult-to-fill positions in the health care industry is conducted on a quarterly basis by the Health Human Resources Unit. "Difficult-to-Fill" is defined as "vacant for thirty days, during which time there has been active but unsuccessful recruitment". The study was introduced in 1979 due to concerns about shortages of nursing personnel in B.C. It was designed to give an assessment of problem areas and examine the need for specific training programs in the province. It has since been expanded to include a large number of health care disciplines beyond nursing.

Table 1

Summary Table on Supply Factors for Health Personnel in British Columbia:
Level, Duration of Training, Requirements for Practice, Personnel Category, and Supply Numbers, by Field of Study

Field	Certificate	Diploma	Baccalaureate	Post-Graduate	1995/96 Entrants/ Graduates ¹	Registration/ Licensure/ Certification			Health Personnel Group as per ROLLCALL ³	(Active) Number ³ Sept. 1995	DTF ⁴ Sept. 1995/ Dec. 1995
						No	Yes	RFP ²			
Administrative Services -- Basic											
Health Information Sciences			1 y univ. 40 m		24 / 20	X			Health Record Personnel	384	1 / 0
Health Information Services		69 w			16 / 15		X	NO			
Dental Receptionist	104 h - 5 m				87 / 87	X					
Medical/Dental Receptionist	480 h				20 / 20	X					
Medical Office Assistant	191 h - 10 m				258 / 213		X	NO			
Medical Receptionist	n/a				n/a	X					
Medical Secretary	720 h - 9 m				29 / 29	X					
Medical Transcriptionist	720 h - 9 m				16 / 15	X					
Nursing Unit Clerk	350 h - 30 w				97 / 52	X					
Administrative Services -- Post-basic											
Continuing Health Care Administration		» 2.5 y			13 / n/a	X			Health Services Executives	483	5 / 0
Health Administration -- Master's			Bachelor's	24 m	6 / 9	X					
Health Care & Epidemiology -- Master's			Bachelor's	1 - 6 y	3 / n/a	X					
Health Care & Epidemiology -- Doctorate			Bachelor's	3 - 6 y	2 / 1	X			(see Health Services Executives)		
Health Care Management I	n/a				n/a	X					
Health Care Management II	n/a				n/a	X					
Dental Services -- Basic											
Dental Assisting	10 m				305 / 297		X	YES	Certified Dental Assistants	4352	
Dental Hygiene -- Diploma	1 y univ.	20 m			66 / 63		X	YES	Dental Hygienists	1408	
Dental Technician		36 m			151 / -		X	YES	Dental Technicians	549	
Dentistry			3 y univ. . . .	126 w	40 / 37		X	YES	Dentists	2233	
Denturist		24 m			15 / n/a		X	YES	Denturists	227	
Dental Services -- Post-basic											
Dental Hygiene -- Baccalaureate	1 y univ. . . .	20 m	2 y		2 / n/a		X	YES	(see Dental Hygienists)		
Dental Science -- Master's			Bachelor's or DMD	24 - 36 m	4 / 5	X			(see Dentists)		

... continued

Table 1 continued

Summary Table on Supply Factors for Health Personnel in British Columbia:
Level, Duration of Training, Requirements for Practice, Personnel Category, and Supply Numbers, by Field of Study

Field	Certificate	Diploma	Baccalaureate	Post-Graduate	1995/96 Entrants/ Graduates ¹	Registration/ Licensure/ Certification			Health Personnel Group as per ROLLCALL ³	(Active) Number ³ Sept. 1995	DTF ⁴ Sept. 1995 Dec. 1995
						No	Yes	RFP ²			
Dental Services -- Post-basic continued											
Oral Biology			3 y - - - - -> - - - - -&								

... continued

Table 1 continued

Summary Table on Supply Factors for Health Personnel in British Columbia:
Level, Duration of Training, Requirements for Practice, Personnel Category, and Supply Numbers, by Field of Study

Field	Certificate	Diploma	Baccalaureate	Post-Graduate	1995/96 Entrants/ Graduates ¹	Registration/ Licensure/ Certification			Health Personnel Group as per ROLLCALL ³	(Active) Number ³ Sept. 1995	DTF ⁴ Sept. 1995/ Dec. 1995
						No	Yes	RFP ²			
Human Services -- Basic continued											
Social Work -- Baccalaureate			1 - 2 y univ. 2 - 3 y		270 / 96		X	NO	Social Workers	1012	1 / 0
Special Needs	378 - 1096 h				88 / 45	X					
Substance Abuse Counselling	16 - 20 m				24 / n/a	X					
Human Services -- Post-basic											
Caring for Persons with Dementia	120 h				19 / n/a	X			} (see Social Workers)		
Children with Special Needs -- ECE Level II	320 h - 3 y				220 / 90		X	YES			
Community Support	Certificate	15 w			26 / n/a	X					
Geriatric Activity Coordinator	276 - 490 h				14 / n/a	X					
Gerontology	180 - 390 h				48 / 29	X					
Home Support Attendant Upgrade	240 - 355 h				13 / 19	X					
Home Support/Resident Care Attendant Equivalency	n/a				- / -	X					
Home Support/Resident Care Attendant Upgrade	8 m				- / -	X					
Policy & Practice in Health & Social Services			Bachelor's	2 - 3 y	79 / 11	X					
Resident Care Attendant Upgrade	360 h				- / -	X					
Social Services		4m - 35 w			83 / 25	X					
Social Work -- Master's			Bachelor's	26 w - 2 y	44 / 40		X	(YES)			
Social Work (Interdisciplinary) -- Doctorate			Bachelor's or	Master's = 4 y	0 / 0		X	(YES)			
Substance Abuse Counselling	30 w				n/a		X	YES			
Laboratory Services -- Basic											
Biomedical Engineering		70 w			32 / 15		X	NO	Clinical Engineers & Biomedical Engineering Techs	291	1 / 0
Cardiology Technology	35 w				9 / 9		X	NO	Cardiology Technologists	312	3 / 2
Cytotechnology	1 y 23 m				0 / 4		X	YES			
Electroneurophysiology Technology		18 m			- / 8		X	NO			
Medical Clinical Assistant	26 w				5 / 6	X					
Medical Laboratory Assistant	18 - 26 w				42 / 37	X					
Medical Laboratory Technology		20 m - 120 w			20 / 16		X	NO	Medical Lab. Technologists	2764	0 / 0

... continued

Table 1 continued

Summary Table on Supply Factors for Health Personnel in British Columbia:
Level, Duration of Training, Requirements for Practice, Personnel Category, and Supply Numbers, by Field of Study

Field	Certificate	Diploma	Baccalaureate	Post-Graduate	1995/96 Entrants/ Graduates ¹	Registration/ Licensure/ Certification			Health Personnel Group as per ROLLCALL ³	(Active) Number ³ Sept. 1995	DTF ⁴ Sept. 1995/ Dec. 1995
						No	Yes	RFP ²			
<i>Laboratory Services -- Basic continued</i>											
Medical Radiography Technology		25 m →			30 / 24		X	NO	Medical Radiation Technologists	1528	0 / 0
Nuclear Medicine Technology		24 m →			12 / 10		X	NO			
Radiation Therapy Technology	1 y →	27 m →			7 / n/a		X	NO			
Respiratory Therapy		27 m →			49 / 46		X	NO	Respiratory Therapists	342	0 / 0
<i>Laboratory Services -- Post-basic</i>											
Advanced Diploma in Health Sciences (Medical Imaging)		Dipl. 5 - 6 y →			750 / n/a		X	NO	Clinical Perfusionists	28	0 / 0
Anaesthesia Technology		Dipl. 2 y →			7 / 3		X	NO			
Biochemistry -- Master's			Bachelor's	1 - 3 y →	15 / 9	X					
Biochemistry -- Doctorate			Bachelor's/Master's	2 - 8 y →	7 / 6	X			Diagnostic Medical Sonographers	347	0 / 0
Cardiovascular Perfusion Technology		Dipl. 2 y →			2 / 2		X	NO			
Cardiovascular Technology		Dipl. n/a →			n/a		X	NO			
Cytogenetics Laboratory Technology		Bach. 13 m →			- / -		X	YES	(see Medical Rad. Techs)		
Diagnostic Medical Sonography		Dipl. 12 m →			10 / 8		X	NO			
Echocardiography	Dipl. →	Dipl. 4 m →			8 / 8		X	NO			
Health Science -- Baccalaureate in Medical Imaging		Dipl. Adv. Diploma n/a →			2 / 0		X	NO			
Medical Laboratory Assistant Upgrade	n/a →				n/a / 30		X	NO	(see Medical Lab. Techs)		
Medical Lab. Science -- Baccalaureate		2 y or Dipl. →	64 w →		28 / 17	X					
Medical Lab. Technology Refresher	n/a →				- / -		X	NO			
Medical Radiography Tech. Refresher	n/a →				- / -		X	NO	(see Medical Rad. Techs)		
Nuclear Medicine Tech. Refresher	» 4 m →				- / -		X	NO			
<i>Medical & Treatment Services -- Basic</i>											
Combined M.D. and Ph.D.			Bachelor's or Master's	» 7 y →	0 / 3		X	YES	Physicians	8416	3 / 0
Medicine			3 y →	153 w →	120 / 119		X	YES			
Dispensing Optician -- Certificate	38 w →				15 / n/a		X	YES			
Dispensing Optician -- Diploma	76 w →				- / 0		X	YES			
Occupational First Aid -- WCB Level III	70 - 105 h →				204 / 204		X	YES			

... continued

Table 1 *continued*Summary Table on Supply Factors for Health Personnel in British Columbia:
Level, Duration of Training, Requirements for Practice, Personnel Category, and Supply Numbers, by Field of Study

Field	Certificate	Diploma	Baccalaureate	Post-Graduate	1995/96 Entrants/ Graduates ¹	Registration/ Licensure/ Certification			Health Personnel Group as per ROLLCALL ³	(Active) Number ³ Sept. 1995	DTF ⁴ Sept. 1995/ Dec. 1995
						No	Yes	RFP ²			
Medical & Treatment Services -- Post-basic											
Anatomy -- Master's			Bachelor's	3 - 5 y	1 / 2	X			Emergency Medical Assistants	2754	
Anatomy -- Doctorate			Bachelor's	Master's 7 y max.	0 / 1	X					
Emergency Medical Assistant I	80 h				360 / 306		X	NO			
Emergency Medical Assistant II	5 m				0 / 0		X	YES			
Emergency Medical Assistant III -- A.L.S.	12 m				0 / 0		X	YES			
Emergency Medical Assistant III -- I.T.T.	18 m				0 / 0		X	YES			
Experimental Medicine -- Master's			Bachelor's	2 - 5 y	15 / 2	X					
Experimental Medicine -- Doctorate			Bachelor's or Master's	3 - 5 y	8 / 3	X					
Experimental Pathology -- Master's			Bachelor's	2 - 4 y	10 / 1	X					
Experimental Pathology -- Doctorate			Bachelor's or Master's	4 - 5 y	1 / 6	X					
Genetic Counselling -- Master's			Bachelor's	2 y	- / -	X					
Medical Genetics -- Master's			Bachelor's	3 - 5 y	4 / 2	X					
Medical Genetics -- Doctorate			Bachelor's	5 - 6 y	2 / 0	X					
Microbiology -- Master's			Bachelor's	2 - 3 y	n/a / 10	X					
Microbiology -- Doctorate			Bachelor's/Master's	4 - 6 y	n/a / 75	X					
Neuroscience -- Master's			Bachelor's	24 m	6 / n/a	X					
Neuroscience -- Doctorate			Bachelor's	48 m	6 / n/a	X					
Pharmacology & Therapeutics -- Master's			Bachelor's	2 - 3 y	4 / 1	X					
Pharmacology & Therapeutics -- Doctorate			Bachelor's	Master's 4 - 7 y	6 / 6	X					
Physiology -- Master's			Bachelor's	2 - 3 y	1 / n/a	X					
Physiology -- Doctorate			Bachelor's	Master's 3 - 5 y	n/a	X					
Repro. & Developmental Science -- Master's			Bachelor's	1 - 5 y	4 / 1	X					
Repro. & Developmental Science -- Doctorate			Bachelor's	Master's 3 - 6 y	3 / 2	X					
Surgery for M.D.s -- Master's			Bachelor's	M.D. 1 - 3 y	5 / 1	X					

... continued

Table 1 continued

Summary Table on Supply Factors for Health Personnel in British Columbia:
Level, Duration of Training, Requirements for Practice, Personnel Category, and Supply Numbers, by Field of Study

Field	Certificate	Diploma	Baccalaureate	Post-Graduate	1995/96 Entrants/ Graduates ¹	Registration/ Licensure/ Certification			Health Personnel Group as per ROLLCALL ³	(Active) Number ³ Sept. 1995	DTF ⁴ Sept. 1995/ Dec. 1995
						No	Yes	RFP ²			
<i>Mental Health Services -- Post-basic</i>											
Clinical Psychology -- Master's			Bachelor's	2 - 4 y	7 / 6	X			Psychologists	745	2 / 2
Clinical Psychology -- Doctorate			Bachelor's/Master's	5 - 8 y	19 / 31		X	YES			
Counselling Psychology -- Master's			Bachelor's	1 - 3 y	127 / 153		X	NO			
Counselling Psychology -- Doctorate			Bachelor's	Master's » 6 y	7 / 3		X	NO			
<i>Nursing Services -- Basic</i>											
Nursing -- Baccalaureate			4 y		142 / 100		X	YES	Registered Nurses	28243	14 / 13
Nursing -- Combined RN/BSN		26 m - 3 y /	128 w - 40 m		404 / 126		X	YES			
Nursing -- Diploma		86 w - 2.5 y			299 / 361		X	YES			
Nursing Access	1 - 2 y	56 w - 19 m /	30 m		20 / -		X	YES			
Practical Nursing	48 - 52 w				153 / 132		X	YES	Licensed Practical Nurses	4686	0 / 0
Practical Nursing Access	Certif. 15 w				9 / -						
Psychiatric Nursing		90 w			66 / 66		X	YES	Registered Psychiatric Nurses	2316	(see RNs)
<i>Nursing Services -- Post-basic</i>											
Advanced Diploma in Health Sciences (Nursing)		Diploma	2 - 6 y		n/a		X	YES	(see RNs)		
Advanced Diploma in Psychiatric Nursing		Diploma	2 - 5 y		125 / n/a		X	YES	(see RPNs)		
Health Science -- Baccalaureate (Nursing)		Diploma	Adv. Dipl.	1 y	220 / 10		X	YES	(see RNs)		
Health Science -- Baccalaureate (Psychiatric Nursing)		Diploma	Adv. Dipl.	1 y	n/a / 2		X	YES	(see RPNs)		
Nursing -- Post-RN Baccalaureate		Diploma	52 w - 2 y		307 / 185		X	YES	(see RNs)		
Community Health -- Master's			Bachelor's	2 - 7 y	13 / n/a						
Nursing -- Master's			Bachelor's	24 - 60 m	22 / 12		X	YES			
Nursing -- Doctorate			Bachelor's	Master's » 48 - 72 m	2 / 0		X	YES			
Post-Basic Nursing Specialities ⁵	6 m - 3 y				362 / 133		X	YES	(see LPNs)		
Nursing Refresher	5 - 8 m				72 / 67		X	YES			
Nursing Refresher -- E.S.L.	38 w				21 / 19		X	YES			
Practical Nursing Refresher	8 w				- / -		X	YES			
Psychiatric Nursing Refresher	n/a				- / -		X	YES	(see RPNs)		

... continued

Table 1 continued

Summary Table on Supply Factors for Health Personnel in British Columbia:
Level, Duration of Training, Requirements for Practice, Personnel Category, and Supply Numbers, by Field of Study

Field	Certificate	Diploma	Baccalaureate	Post-Graduate	1995/96 Entrants/ Graduates ¹	Registration/ Licensure/ Certification			Health Personnel Group as per ROLLCALL ³	(Active) Number ³ Sept. 1995	DTF ⁴ Sept. 1995/ Dec. 1995
						No	Yes	RFP ²			
<i>Nutrition & Dietary Services -- Basic</i>											
Dietetics -- Baccalaureate			4 y →		16 / 37		X	YES	Registered Dietitians & Nutritionists	646	0 / 0
Human Nutrition -- Baccalaureate			4 y →		19 / 24	X					
Nutrition & Food Service Management		1482 h →			20 / n/a	X			Nutrition Managers	247	0 / 0
<i>Nutrition & Dietary Services -- Post-basic</i>											
Human Nutrition -- Master's			Bachelor's →	24 m →	n/a	X					
Human Nutrition -- Doctorate			Bachelor's →	Master's → 36 m →	n/a	X					
<i>Pharmaceutical Services -- Basic</i>											
Pharmacology -- Baccalaureate			4 y →		18 / 17	X					
Pharmacy -- Baccalaureate			1 y → 4 y →		136 / 119		X	YES	Pharmacists	2389	1 / 0
Pharmacy Technician	324 h - 28 w →				84 / 69	X					
<i>Pharmaceutical Services - Post-basic</i>											
Pharmaceutical Science -- Master's			Bachelor's →	2 - 2.5 y →	7 / n/a	X					
Pharmaceutical Science -- Doctorate			Bachelor's →	> 5 y →	3 / n/a	X					
Pharmacy -- Doctorate			Bachelor's →	20 m →	6 / 6		X	NO	(see Pharmacists)		
<i>Rehabilitation Services -- Basic</i>											
Audiology and Speech Sciences -- Master's			Bachelor's →	13 - 29 m →	27 / 43		X	NO	Audiologists & Speech Language Pathologists	460	0 / 0
Massage Therapy		2 y - 104 w →			238 / 185		X	YES	Massage Therapists	919	
Music Therapy -- Baccalaureate			2 y → 2.5 y →		14 / 16		X	NO			
Occupational Therapy -- Baccalaureate			1 y → 98 w →		36 / 37		X	NO	Occupational Therapists	739	6 / 3
Physical Therapy -- Baccalaureate			1 y → 96 w →		35 / 32		X	YES	Physical Therapists	1941	7 / 6
Prosthetic and Orthotic Technology		70 w →			0 / 10		X	NO	Prosthetists & Orthotists	59	0 / 0
Rehabilitation Assistant	34 - 41 w →				14 / 23	X					
Therapeutic Recreation Technician		60 w →			56 / n/a		X	NO			

... continued

Table 1 *continued*

**Summary Table on Supply Factors for Health Personnel in British Columbia:
Level, Duration of Training, Requirements for Practice, Personnel Category, and Supply Numbers, by Field of Study**

Field	Certificate	Diploma	Baccalaureate	Post-Graduate	1995/96 Entrants/ Graduates ¹	Registration/ Licensure/ Certification			Health Personnel Group as per ROLLCALL ³	(Active) Number ³ Sept. 1995	DTF ⁴ Sept. 1995/ Dec. 1995
						No	Yes	RFP ²			
<i>Rehabilitation Services -- Post-basic</i>											
Audiology and Speech Sciences -- Doctorate			Bachelor's	Master's	n/a	X			(see Audiologists & Speech/ Language Pathologists)		
Health Science -- Baccalaureate (Physical Therapy)		3 y Diploma	1 - 2 y	3 - 7 y	n/a / 2		X	NO	(see Physical Therapists)		
Rehabilitation Sciences -- Master's			Bachelor's	2 y	5 / 2	X					

"h" hours "w" weeks "m" months "y" years "n/a" data not available "-" data not appropriate or not applicable

¹ Data shown are totals of available data for each program. The totals are calculated using available data from the tables included in each service section of this document. Please see the appropriate section text and tables for more details.

² "Required for Practice". Information on practice/employment requirements was supplied by respondents and represents legal requirements in B.C. (Please see the main text entries for greater detail.)

³ Source: Table 3 "Health Personnel Groups in British Columbia by Group Type by Employment Status, 1995" in the Introduction of ROLLCALL 95. These data exclude personnel who have a membership or registration status which makes them ineligible for employment in the field, and those who are reported as "employed in another field", "unemployed", "on leave", or "not practicing" by the regulatory body, membership society or on the HHRU survey.

⁴ Source: "Difficult-to-Fill surveys" dated September 30, 1995 and December 30, 1995.

⁵ This includes the Post-basic speciality Certificate programs: Critical Care Nursing, Emergency Nursing, Neonatal Nursing, Nephrology Nursing, Neurosciences Nursing, Obstetrical Nursing, Occupational Health Nursing, Operating Room Nursing, Paediatric Critical Care Nursing, Paediatric Nursing, and Post-Anaesthetic Recovery Room Nursing.

b) Location of Programs and Institutions in British Columbia

The locations of currently existing and offered programs in health and health-related fields as reported in *PRODUCTION 95* are shown in Table 2. Included are programs which were offered during the 1995/96 academic year. Programs which exist but were not offered during 1995/96, and programs which have been discontinued are not included in Table 2. Program descriptions for all programs are available within the main text of this report, including those not currently offered and those recently discontinued. Appendix B contains a list of the not currently offered or discontinued program offerings, as well as a list of new or added program offerings.

Table 2 outlines 285 active program offerings of 161 programs in twenty-one service areas. This represents a decrease in both the number of program offerings and the number of programs, compared to Table 2 in *PRODUCTION 93* (287 program offerings of 171 programs). The term "service area" refers to a group of related programs such as Dental programs, while the term "program" refers to a particular type of program such as Dental Hygiene, and the term "program offering" refers to a particular offering of a program such as the Dental Hygiene program at Camosun College. There are nineteen new program offerings outlined this year, of which twelve are new program offerings, six are new program listings, and one has replaced a discontinued program offering (see Appendix B or the main text for detailed explanations regarding each program offering). There are thirteen program offerings which were not offered in 1995/96 but are still available (most of these are Upgrade or Refresher programs); five programs which have been discontinued; and one which has been replaced.

Of the 161 programs included in this report, 29 (18.0%) are associated with Medical & Treatment Services areas, 29 (18.0%) with Human Services areas, 25 (15.5%) with Nursing Services areas, and 22 (13.7%) with Laboratory Services areas. The remaining 34.7 percent of programs are in the other service areas. Basic Level programs account for 70 of the 161 programs; the remaining 91 programs are at the Post-basic Level. In contrast, 159 of the 285 individual program offerings are at the Basic Level while only 126 are at the Post-basic Level. In addition, many of the Post-basic level program offerings have very small enrolment numbers, so though Post-basic programs predominate, they represent a minority of students enrolled in B.C. programs.

The largest number of program offerings occur in community college settings (89 or 31.2%). The universities account for 83 (29.1%) of the program offerings and the university-colleges account for 64 (22.5%). The remaining 49 (17.2%) program offerings are offered at the British Columbia Institute of Technology (28), the three private colleges (8), Open Learning Agency (6), the Justice Institute (4), the British Columbia Cancer Agency (2), and St. Paul's Hospital (1). Of the 28 program offerings at British Columbia Institute of Technology, 24 are available only at B.C.I.T. These program offerings include preparation for such disciplines as Medical Radiography, Cardiology Technology, the Post-basic Nursing Specialties, and Prosthetics and Orthotics.

Many listed programs are, of course, offered at more than one site. For example, while there is only one Faculty of Dentistry in the province, there are nine sites at which the Dental Assisting program is available. The most frequently listed programs are: 1) the Children with Special Needs (Post-basic ECE) program offered at twelve sites; 2) the Medical Office Assistant program, the Dental Assisting program, and the Social Service Worker program, all offered at nine sites; 3) the Home Support/Resident Care Attendant program, the Resident Care Attendant program, and the Combined RN/BSN program, all offered at eight sites; 4) the Post-RN Baccalaureate program offered at seven sites; and 5) the Human Service Worker program, and the Nursing Diploma program, both offered at six sites.

Two colleges have changed their names since the last report. Kwantlen College is now Kwantlen University College, and East Kootenay Community College is now officially The College of the Rockies.

Table 2
Location of Existing Educational Programs¹ in Health and Human Services
in British Columbia, September 1995

PROGRAMS	EDUCATIONAL INSTITUTIONS																												
	B.C. Cancer Agency	B.C. Institute of Technology	Camosun College	Capilano College	College of New Caledonia	College of the Rockies (EKCC)	Douglas College	Justice Institute	Kwantlen University College	Langara College	Malaspina University College	North Island College	Northern Lights College	Northwest Community College	Okanagan University College	Okan. V. College of Massage Therapy	Open Learning Agency	Selkirk College	Simon Fraser University	St. Paul's Hospital	Trinity Western University	Univ. College of the Cariboo	Univ. College of the Fraser Valley	University of British Columbia	University of Northern B.C.	University of Victoria	Vancouver Community College	West Coast College of Health Care	West Coast College of Massage Therapy
Administrative Services																													
Basic Level																													
Dental Receptionist								X						X									X				X		
Health Information Sciences																										X			
Health Information Services						X																							
Medical/Dental Receptionist														X															
Medical Office Assistant		X	X	X		X		X						X							X	X					X		
Medical Receptionist												X																	
Medical Secretary														X													X		
Medical Transcriptionist															X												X		
Nursing Unit Clerk								X						X								X				X	X		
Administrative Services																													
Post-basic Level																													
Continuing Health Care Administration										X																			
Health Administration -- Master's																								X					
Health Care & Epidemiology -- Master's																								X					
Health Care & Epidemiology -- Doctorate																								X					
Health Care Management Level I		X																											
Health Care Management Level II		X																											
Dental Services																													
Basic Level																													
Dental Assistant			X		X	X	X			X				X	X							X					X		
Dental Hygiene -- Diploma			X		X																						X		
Dental Technician																											X		
Dentistry																							X						
Denturist																										X			
Dental Services																													
Post-Basic Level																													
Dental Hygiene -- Baccalaureate																								X					
Dental Science -- Master's																								X					
Oral Biology																								X					
Oral Medicine																								X					
Oral Pathology																								X					
Periodontics																								X					
Health Standards																													
Basic Level																													
Environmental Health -- Public Health Inspection		X																											
Occupational Health & Safety		X																											

... continued

Table 2 (continued)

[illegible]

... continued

Table 2 (continued)
Location of Existing Educational Programs¹ in Health and Human Services
in British Columbia, September 1995

PROGRAMS	EDUCATIONAL INSTITUTIONS
B.C. Cancer Agency	
B.C. Institute of Technology	
Camosun College	
Capilano College	
College of New Caledonia	
College of the Rockies (EKCC)	
Douglas College	
Justice Institute	
Kwantlen University College	
Langara College	
Malaspina University College	
North Island College	
Northern Lights College	
Northwest Community College	
Okanagan University College	
Okana. V. College of Massage Therapy	
Open Learning Agency	
Saskirk College	
Simon Fraser University	
St. Paul's Hospital	
Trinity Western University	
Univ. College of the Cariboo	
Univ. College of the Fraser Valley	
University of British Columbia	
University of Northern B.C.	
University of Victoria	
Vancouver Community College	
West Coast College of Health Care	
West Coast College of Massage Therapy	

Laboratory Services

Basic Level

[illegible]

Laboratory Services

Post-Basic Level

[illegible]

Medical and Treatment Services

Basic Level

[illegible]

Medical and Treatment Services

Post-Basic Level

[illegible]

... continued

Table 2 (continued)

**Location of Existing Educational Programs¹ in Health and Human Services
in British Columbia, September 1995**

PROGRAMS	EDUCATIONAL INSTITUTIONS																													
	B.C. Cancer Agency	B.C. Institute of Technology	Camosun College	Capilano College	College of New Caledonia	College of the Rockies (EKCC)	Douglas College	Justice Institute	Kwantlen University College	Langara College	Malaspina University College	North Island College	Northern Lights College	Northwest Community College	Okanagan University College	Okan. V. College of Massage Therapy	Open Learning Agency	Selkirk College	Simon Fraser University	St. Paul's Hospital	Trinity Western University	Univ. College of the Cariboo	Univ. College of the Fraser Valley	University of British Columbia	University of Northern B.C.	University of Victoria	Vancouver Community College	West Coast College of Health Care	West Coast College of Massage Therapy	
Medical and Treatment Services																														
Post-Basic Level (continued)																														
Emergency Medical Assistant III -- A.L.S.							X																							
Emergency Medical Assistant III -- I.T.T.							X																							
Experimental Medicine -- Master's																							X							
Experimental Medicine -- Doctorate																							X							
Experimental Pathology -- Master's																							X							
Experimental Pathology -- Doctorate																							X							
Genetic Counselling -- Master's																							X							
Medical Genetics -- Master's																							X							
Medical Genetics -- Doctorate																							X							
Microbiology -- Master's																							X		X					
Microbiology -- Doctorate																							X		X					
Neuroscience -- Master's																							X							
Neuroscience -- Doctorate																							X							
Pharmacology & Therapeutics -- Master's																							X							
Pharmacology & Therapeutics -- Doctorate																							X							
Physiology -- Master's																							X							
Physiology -- Doctorate																							X							
Repro. & Developmental Science -- Master's																							X							
Repro. & Developmental Science -- Doctorate																							X							
Surgery for M.D.s -- Master's																							X							
Mental Health Services																														
Post-Basic Level																														
Clinical Psychology -- Master's																		X												
Clinical Psychology -- Doctorate																		X					X		X					
Counselling Psychology -- Master's																		X					X		X					
Counselling Psychology -- Doctorate																							X							
Nursing Services																														
Basic Level																														
Nursing -- Baccalaureate			X							X	X	X		X			X				X									
Nursing -- Combined RN/BSN		X			X	X	X		X				X								X	X								
Nursing -- Diploma		X			X	X	X		X				X																	
Nursing Access						X																								
Practical Nursing					X						X			X														X		
Practical Nursing Access																											X			
Psychiatric Nursing						X																						X		

... continued

Table 2 (continued)
Location of Existing Educational Programs¹ in Health and Human Services
in British Columbia, September 1995

[illegible]

... continued

Table 2 (continued)
Location of Existing Educational Programs¹ in Health and Human Services
in British Columbia, September 1995

PROGRAMS	EDUCATIONAL INSTITUTIONS
B.C. Cancer Agency	
B.C. Institute of Technology	
Camosun College	
Capilano College	
College of New Caledonia	
College of the Rockies (EKCC)	
Douglas College	
Justice Institute	
Kwantlen University College	
Langara College	
Malaspina University College	
North Island College	
Northern Lights College	
Northwest Community College	
Okanagan University College	
Okan. V. College of Massage Therapy	
Open Learning Agency	
Saikirk College	
Simon Fraser University	
St. Paul's Hospital	
Trinity Western University	
Univ. College of the Cariboo	
Univ. College of the Fraser Valley	
University of British Columbia	
University of Northern B.C.	
University of Victoria	
Vancouver Community College	
West Coast College of Health Care	
West Coast College of Massage Therapy	

Rehabilitation Services

Basic Level

[illegible]

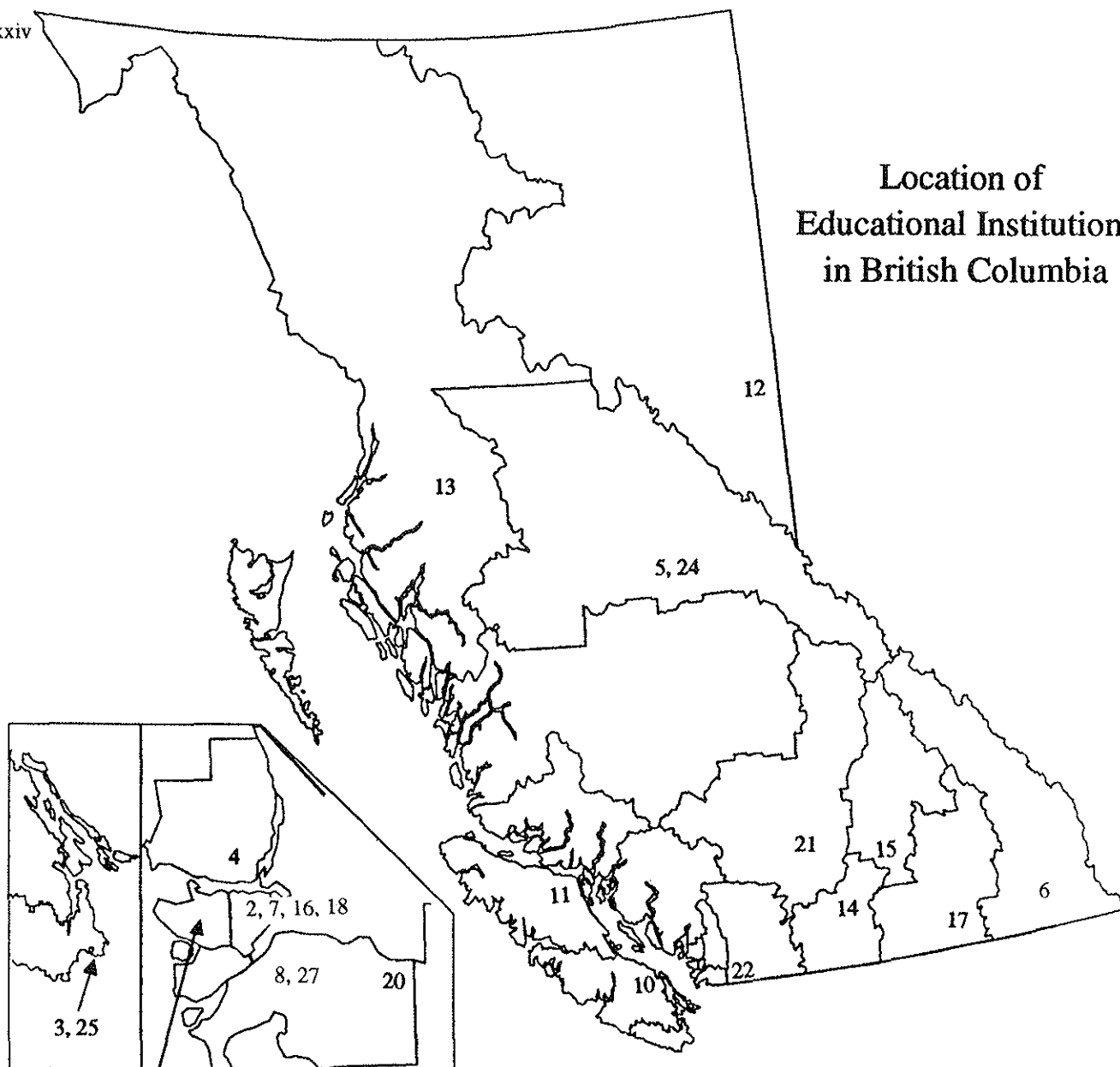
Rehabilitation Services

Post-Basic Level

[illegible]

¹ Includes programs which were offered during the 1995/96 academic year. Programs which exist but were not offered during 1995/96, and programs which have been discontinued (and are no longer running) are not included.

Location of Educational Institutions in British Columbia



1, 9, 19, 23,
26, 28

- | | |
|----------------------------------|--|
| 1. B.C. Cancer Agency | 15. Okanagan Valley College of Massage Therapy |
| 2. B.C. Institute of Technology | 16. Open Learning Agency |
| 3. Camosun College | 17. Selkirk College |
| 4. Capilano College | 18. Simon Fraser University |
| 5. College of New Caledonia | 19. St. Paul's Hospital |
| 6. College of the Rockies (EKCC) | 20. Trinity Western University |
| 7. Douglas College | 21. University College of the Cariboo |
| 8. Kwantlen University College | 22. University College of the Fraser Valley |
| 9. Langara College | 23. University of British Columbia |
| 10. Malaspina University College | 24. University of Northern British Columbia |
| 11. North Island College | 25. University of Victoria |
| 12. Northern Lights College | 26. Vancouver Community College |
| 13. Northwest Community College | 27. West Coast College of Health Care |
| 14. Okanagan University College | 28. West Coast College of Massage Therapy |

* The lines on the map correspond to the Health Regions in British Columbia.
Appendix F contains a map identifying the B.C. Health Regions.

The map on the previous page indicates the main campuses of the institutions contained in this report. For most colleges, additional campus centres exist in adjacent towns (these are not indicated on the map). In addition, the universities do, on occasion, offer specific programs in locations other than the location of the main campus (these too are excluded from the map). Details about the specific campus centres at which programs are offered are found in the program descriptions. An index with page references for programs offered by each institution is included in Appendix D.

(c) Distribution Of Graduates By Gender

Table 3 examines the percentage distribution of graduates by gender in British Columbia in 1993/94 and 1995/96. Programs with no graduates in 1993/94 or 1995/96, programs for which no data were available, and programs which had fewer than five graduates are excluded from this table. The 1993/94 data was not available by gender for programs which were not surveyed for PRODUCTION UPDATE 94 due to the manner of data collection in the past. Also, a number of programs also list the graduates for 1995/96 as unknown gender because they have spring or summer (1996) graduations and were unable to predict the gender breakdown of the graduates when surveyed in the Fall.

On examination of the available data, only seven programs were predominately male in 1993/94: Biomedical Engineering Technology (95.2%), Prosthetics and Orthotics (80.0%), Dentistry (71.1%), Medicine (65.2%), Public Health Inspection (60.6%), Occupational Health and Safety (62.5%), and Respiratory Therapy (51.6%). In 1995/96, eight programs were predominately male: Biomedical Engineering Technology (86.7%), Master's in Health Science (75.0%), Public Health Inspection (73.3%), Prosthetics and Orthotics (70.0%), Occupational Health and Safety (57.9%), Occupational First Aid (54.9%), Medicine (52.9%), and Respiratory Therapy (52.2%).

Predominately female programs, such as Dental Assisting, Dental Hygiene, Human Services programs, Medical Laboratory Assistant, Medical Laboratory Technology, Nursing programs, Human Nutrition, and Rehabilitation Services programs continue to remain so. There were eight programs for which all graduates were female in 1993/94, and eleven programs in 1995/96.

An aggregation of programs within their respective service areas shows that most of the service areas, with the exception of Health Standards and Medical & Treatment Services, are predominately female, as was the case in PRODUCTION 93. Unfortunately, once again, a number of both Human Services programs and Nursing programs, traditionally female dominated service areas, did not supply information on the gender breakdown of their graduates, but the data which are available indicate that women continue to be a large proportion of graduates for both these service areas.

(d) Production Rates of Health Workers

Table 4 has changed slightly this year, because no new data were available on national production rates (the most recent were 1992 data from the Health Canada publication Health Personnel in Canada 1992). Table 4 this year presents graduate numbers and production rates (number of graduates per 100,000 population) for selected health programs in British Columbia for the years 1992/93 through to 1995/96, and for the first time graduate numbers and production rates for Alberta (for 1992/93 and 1993/94) are included in Table 4 for comparison purposes. The Alberta data are taken from the *Alberta Health and Social Service Education Programs Inventory, December 1994* published by the Post-Secondary Programs Branch of the Alberta Department of Advanced Education and Career Development. The data in the last two columns in Table 4 for "all Canada, 1992" are taken from Health Personnel in Canada 1992. Please note, the "all Canada" data presented this year differ from the "other Canada" data presented in PRODUCTION 93 or PRODUCTION UPDATE 94 in that this year B.C. (and Alberta) are included.

Table 3
Percentage Distribution by Gender of Graduates from
Basic and Post-Basic Level Health Programs,
in British Columbia, 1993/94 and 1995/96 ¹

PROGRAMS	Male	Female	Unknown	Total	Male	Female	Unknown	Total
ADMINISTRATIVE SERVICES Basic Level								
Dental Receptionist	0.00	0.00	100.00	100.00	0.00	100.00	0.00	100.00
Health Information Sciences	44.44	55.56	0.00	100.00	30.00	70.00	0.00	100.00
Health Information Services	0.00	100.00	0.00	100.00	13.33	86.67	0.00	100.00
Medical Office Assistant	0.00	0.00	100.00	100.00	0.00	100.00	0.00	100.00
Medical Secretary	0.00	0.00	100.00	100.00	0.00	100.00	0.00	100.00
Medical Transcriptionist	0.00	0.00	100.00	100.00	0.00	100.00	0.00	100.00
Nursing Unit Clerk	0.00	0.00	100.00	100.00	0.00	100.00	0.00	100.00
ADMINISTRATIVE SERVICES Post-basic Level								
Health Administration -- Master's	0.00	0.00	100.00	100.00	44.44	55.56	0.00	100.00
DENTAL SERVICES Basic Level								
Dental Assisting	0.64	99.36	0.00	100.00	1.01	98.99	0.00	100.00
Dental Hygiene -- Diploma	3.28	96.72	0.00	100.00	3.17	96.83	0.00	100.00
Dentistry	71.05	28.95	0.00	100.00	0.00	0.00	100.00	100.00
HEALTH STANDARDS Basic Level								
Environmental Health - Public Health Inspection	60.61	39.39	0.00	100.00	73.33	26.67	0.00	100.00
Occupational Health & Safety	62.50	37.50	0.00	100.00	57.89	42.11	0.00	100.00
HEALTH STANDARDS Post-basic Level								
Health Science -- Master's	0.00	0.00	100.00	100.00	75.00	25.00	0.00	100.00
Occupational Hygiene -- Master's	0.00	0.00	100.00	100.00	33.33	66.67	0.00	100.00
HUMAN SERVICES Basic Level								
Community Support Worker	25.00	75.00	0.00	100.00	11.11	88.89	0.00	100.00
Developmental Disabilities	0.00	100.00	0.00	100.00	0.00	100.00	0.00	100.00
Home Support Attendant	0.00	100.00	0.00	100.00	5.06	30.38	64.56	100.00
Home Support/Resident Care Attendant	7.05	88.14	4.81	100.00	3.32	63.14	33.53	100.00
Human Service Worker	12.74	87.26	0.00	100.00	9.86	90.14	0.00	100.00
Resident Care Attendant	6.27	64.34	29.40	100.00	11.73	88.27	0.00	100.00
Sign Language Interpretation	0.00	100.00	0.00	100.00	11.11	88.89	0.00	100.00
Social Service Worker	13.30	63.30	23.39	100.00	9.25	90.75	0.00	100.00
Social Work -- Baccalaureate	14.73	85.27	0.00	100.00	13.93	72.64	13.43	100.00
Special Needs	3.64	32.73	63.64	100.00	6.67	93.33	0.00	100.00
HUMAN SERVICES Post-basic Level								
Gerontology	0.00	0.00	100.00	100.00	17.24	82.76	0.00	100.00
Home Support Attendant Upgrade	0.00	100.00	0.00	100.00	0.00	100.00	0.00	100.00
Policy & Practice in Health & Social Services -- Master's	0.00	0.00	100.00	100.00	0.00	100.00	0.00	100.00
Social Services	0.00	100.00	0.00	100.00	12.00	88.00	0.00	100.00
LABORATORY SERVICES Basic Level								
Biomedical Engineering Technology	95.24	4.76	0.00	100.00	86.67	13.33	0.00	100.00
Cardiology Technology	44.44	55.56	0.00	100.00	0.00	100.00	0.00	100.00
Electroneurophysiology Technology	0.00	0.00	100.00	100.00	0.00	0.00	0.00	100.00
Medical Clinical Assistant	5.56	94.44	0.00	100.00	0.00	100.00	0.00	100.00
Medical Laboratory Assistant	2.56	97.44	0.00	100.00	18.92	81.08	0.00	100.00
Medical Laboratory Technology	22.22	77.78	0.00	100.00	31.25	68.75	0.00	100.00
Medical Radiography Technology	0.00	0.00	100.00	100.00	29.17	70.83	0.00	100.00
Nuclear Medicine Technology	42.86	57.14	0.00	100.00	30.00	70.00	0.00	100.00
Respiratory Therapy	51.61	48.39	0.00	100.00	52.17	47.83	0.00	100.00
LABORATORY SERVICES Post-basic Level								
Biochemistry -- Master's	0.00	0.00	100.00	100.00	44.44	55.56	0.00	100.00
Biochemistry -- Doctorate	0.00	0.00	100.00	100.00	33.33	66.67	0.00	100.00
Diagnostic Medical Sonography	20.00	80.00	0.00	100.00	0.00	0.00	100.00	100.00
Echocardiography	10.00	90.00	0.00	100.00	12.50	87.50	0.00	100.00
Medical Laboratory Science -- Baccalaureate	17.65	82.35	0.00	100.00	41.18	58.82	0.00	100.00
MEDICAL & TREATMENT SERV. Basic Level								
Medicine (M.D.)	65.18	34.82	0.00	100.00	52.94	47.06	0.00	100.00
Occupational First Aid -- WCB Level III	0.00	0.00	100.00	100.00	54.90	45.10	0.00	100.00

... continued

Table 3
Percentage Distribution by Gender of Graduates from
Basic and Post-Basic Level Health Programs,
in British Columbia, 1993/94 and 1995/96 ¹

PROGRAMS	Male	Female	Unknown	Total	Male	Female	Unknown	Total
MENTAL HEALTH SERVICES								
Clinical Psychology -- Master's	25.00	75.00	0.00	100.00	0.00	100.00	0.00	100.00
Clinical Psychology -- Doctorate	20.00	80.00	0.00	100.00	19.35	6.45	74.19	100.00
Counselling Psychology -- Master's	20.29	59.42	20.29	100.00	9.80	49.67	40.52	100.00
NURSING SERVICES Basic Level								
Nursing -- Baccalaureate	0.00	100.00	0.00	100.00	5.00	95.00	0.00	100.00
Nursing -- Combined RN/BSN	-	-	-	-	5.56	49.21	45.24	100.00
Nursing -- Diploma	5.50	62.23	32.27	100.00	4.71	66.48	28.81	100.00
Practical Nursing	15.00	85.00	0.00	100.00	11.36	88.64	0.00	100.00
Psychiatric Nursing	20.59	79.41	0.00	100.00	13.64	86.36	0.00	100.00
NURSING SERVICES Post-basic Level								
Health Science -- Baccalaureate (Nursing)	0.00	100.00	0.00	100.00	0.00	100.00	0.00	100.00
Nursing -- Post-RN Baccalaureate	0.70	4.53	94.77	100.00	1.08	34.05	64.86	100.00
Nursing -- Master's	0.00	0.00	100.00	100.00	8.33	91.67	0.00	100.00
Post-Basic Nursing Specialities ²	2.42	61.29	36.29	100.00	0.75	57.14	42.11	100.00
Nursing Refresher	0.00	73.44	26.56	100.00	2.99	97.01	0.00	100.00
Nursing Refresher -- E.S.L.	5.56	94.44	0.00	100.00	5.26	94.74	0.00	100.00
NUTRITION & DIETARY SERV. Basic Level								
Dietetics -- Baccalaureate	2.78	97.22	0.00	100.00	0.00	0.00	100.00	100.00
Human Nutrition -- Baccalaureate	18.18	81.82	0.00	100.00	16.67	83.33	0.00	100.00
PHARMACEUTICAL SERVICES Basic Level								
Pharmacology -- Baccalaureate	0.00	0.00	100.00	100.00	47.06	52.94	0.00	100.00
Pharmacy -- Baccalaureate	50.00	50.00	0.00	100.00	0.00	0.00	100.00	100.00
Pharmacy Technician	22.64	77.36	0.00	100.00	20.29	79.71	0.00	100.00
REHABILITATION SERVICES Basic Level								
Audiology & Speech Sciences -- Master's	5.26	94.74	0.00	100.00	4.65	95.35	0.00	100.00
Massage Therapy	44.44	55.56	0.00	100.00	18.92	60.54	20.54	100.00
Music Therapy -- Baccalaureate	5.88	94.12	0.00	100.00	12.50	87.50	0.00	100.00
Occupational Therapy -- Baccalaureate	11.76	88.24	0.00	100.00	21.62	78.38	0.00	100.00
Physical Therapy -- Baccalaureate	23.53	76.47	0.00	100.00	31.25	68.75	0.00	100.00
Prosthetics & Orthotics Technology	80.00	20.00	0.00	100.00	70.00	30.00	0.00	100.00
Rehabilitation Assistant	28.57	71.43	0.00	100.00	21.74	78.26	0.00	100.00

" - " Data not appropriate or not applicable.

¹ Programs with no graduates in 1993/94 or 1995/96, programs for which no data were available, and programs which had fewer than five graduates are excluded from this table.

² Includes Critical Care Nursing, Emergency Nursing, Neonatal Nursing, Obstetrical Nursing, Occupational Health Nursing, Operating Room Nursing, Paediatric Critical Care Nursing, Paediatric Nursing, and Post-Anaesthetic Recovery Room Nursing.

Table 4
Graduates of Selected Health Programs¹,
British Columbia, 1992/93 - 1995/96, Alberta, 1992/93 and 1993/94, and Other Canada, 1992
by Number and Rates per 100,000 Population

Program	British Columbia ²								Alberta ³				Canada ⁴	
	1992/93		1993/94		1994/95		1995/96		1992/93		1993/94		1992	
	Number	per 100,000	Number	per 100,000	Number	per 100,000	Number	per 100,000	Number	per 100,000	Number	per 100,000	Number	per 100,000
Dental Assisting	331 ⁵	9.51	313	8.76	296	8.07	297	7.89	115	4.34	120	4.47	1268	4.43
Dental Hygiene	64	1.84	61	1.71	61	1.66	63	1.67	47	1.78	63	2.35	685	2.40
Dentistry	36	1.03	38	1.06	40	1.09	37	0.98	49	1.85	48	1.79	510	1.78
Diagnostic Medical Sonography	15	0.43	10	0.28	10	0.27	8	0.21	15	0.57	13	0.48	--	--
Health Record Administration	16	0.46	8	0.22	8	0.22	15	0.40	15	0.57	17	0.63	100	0.35
Medical Laboratory Technology	59	1.70	72	2.01	51	1.39	16	0.43	92	3.48	87	3.24	826	2.89
Medical Radiography Technology	38	1.09	34	0.95	35	0.95	24	0.64	43	1.62	40	1.49	507	1.77
Medicine (Physicians)	115	3.31	112	3.13	120	3.27	119	3.16	189	7.14	190	7.07	1748	6.11
Nuclear Medicine Technology	15	0.43	14	0.39	9	0.25	10	0.27	15	0.57	12	0.45	87	0.30
Nursing - Diploma ⁶	670 ⁵	19.26	564	15.78	516	14.07	441	11.72	706	26.67	436	16.23	7061 ⁸	24.69
Nursing - Baccalaureate ⁷	353	10.15	353	9.88	342	9.32	331	8.80	380	14.36	371	13.81	2562	8.96
Occupational Therapy	35	1.01	34	0.95	34	0.93	37	0.98	63	2.38	80	2.98	417	1.46
Pharmacy - B.Sc.	103	2.96	104	2.91	112	3.05	119	3.16	107	4.04	105	3.91	771	2.70
Physical Therapy	38	1.09	34	0.95	35	0.95	32	0.85	69	2.61	64	2.38	608	2.13
Practical Nursing (Nursing Assistant)	128	3.68	100	2.80	107	2.92	132	3.51	252	9.52	263	9.79	3344	11.70
Psychiatric Nursing	72	2.07	68	1.90	72	1.96	66	1.75	41	1.55	41	1.53	--	--
Radiation Therapy Technology	5	0.14	9	0.25	11	0.30	8	0.21	10	0.38	11	0.41	78	0.27
Respiratory Therapy	39	1.12	31	0.87	31	0.85	46	1.22	63	2.38	62	2.31	349	1.22
Social Work - B.S.W.	150	4.31	224	6.27	275	7.50	201	5.34	158	5.97	146	5.44	1774	6.20

¹ The programs included in this table are a select group of programs which are offered in a similar format in both British Columbia and Alberta, and for which comparison data were available.

² Source of graduate numbers for British Columbia: *PRODUCTION 93*, *PRODUCTION UPDATE 94* and *PRODUCTION 95*. Source of population estimates for British Columbia: The P.E.O.P.L.E. Projection Model, Projection #20, supplied by the Central Statistics Branch, Ministry of Government Services. The population estimates used were 3,479,100 for 1992; 3,573,900 for 1993; 3,668,400 for 1994; and 3,762,217 for 1995.

³ Source of graduate numbers for Alberta: *Alberta Health and Social Service Education Programs Inventory, December 1994*. Source of population estimates for Alberta: Statistics Canada, CANSIM, matrices 6367-6379. The population estimates used were 2,646,800 for 1992 and 2,686,000 for 1993.

⁴ Source of graduate numbers and population estimate for all Canada: *Health Personnel in Canada 1992*, published by the Health Information Division, Policy and Consultation Branch, Health Canada. The 1992 data were the most recent available. The population estimate used for Canada was 28,593,400 for 1992.

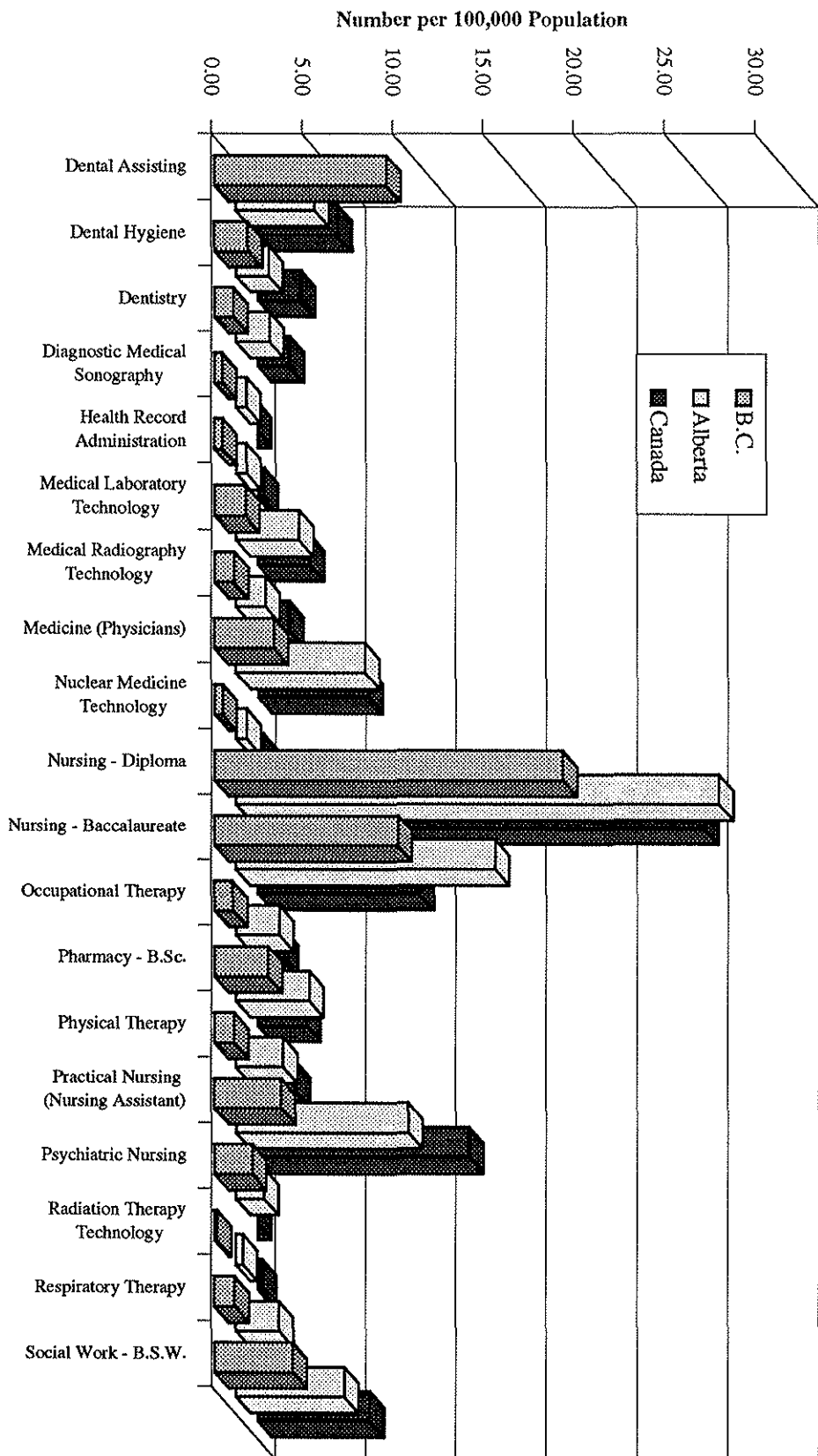
⁵ The number of graduates includes an estimate taken from *PRODUCTION 91*.

⁶ Includes regular Diploma program graduates and Combined RN/BSN program Diploma graduates.

⁷ Includes basic Baccalaureate graduates, Combined RN/BSN program Baccalaureate graduates, and Post-RN Baccalaureate graduates.

⁸ This number does not include data from seven schools in Quebec.

Figure 1
Graduates per 100,000 Population of Selected Health Programs,
in British Columbia, 1992/93, Alberta, 1992/93, and Canada, 1992



Several different comparisons of the data presented this year are possible. The first type of comparison is across the four years of data presented for B.C. A notable decrease in the production rate of Diagnostic Medical Sonographers has occurred from 1992/93 (0.43) to 1995/96 (0.21). The Medical Radiography Technology program has also had a significant decrease in production rates between 1992/93 (1.09) and 1995/96 (0.64). The nursing programs (both Baccalaureate and Diploma) are also showing a steady decline in the production rates. The only programs listed in Table 4 for which the production rates have increased between 1992/93 and 1995/96 are Pharmacy, Radiation Therapy Technology, and Respiratory Therapy. The latter program, however, had lower production rates during the intervening years of 1993/94 and 1994/95.

The second type of comparison of the data presented in Table 4 can be between the Alberta data and the B.C. data for the years of 1992/93 and 1993/94. The production rates for the B.C. programs presented are lower than the production rates for the Alberta programs in all but two cases, the Dental Assisting programs and the Psychiatric Nursing programs. The B.C. production rate of Dental Assistants is in fact almost twice that of Alberta. In Alberta, however, the production rate of Physicians is more than double the B.C. rate, and the same is true for Occupational Therapists and Physical Therapists. The Alberta production rate for Practical Nurses compared to B.C. is even higher (over 60% greater). Although the production rates for nursing programs (both Baccalaureate and Diploma) are declining in both Alberta and B.C. they too are higher in Alberta than in B.C.

Comparisons of the Alberta data and the B.C. data with the "all Canada" data should only be based on the provincial 1992/93 data since the "all Canada" data is only available for 1992. The national production rate in 1992 for Physicians was 6.11 somewhat lower than the Alberta rate of 7.14 in 1992/93, but much higher than the B.C. rate of 3.31 in 1992/93. A similar story exists with the Practical Nursing programs, with the national rate (11.70) higher than the Alberta rate (9.52), but again the national rate is far greater than the B.C. rate (3.68). The opposite is the case for Dental Assistants, where the national production rate (4.43) is similar to the Alberta rate (4.34) but far below the B.C. rate (9.51).

The decrease in the production rate of diploma nurses in B.C. is due to both a decrease in class size at some colleges and the switch by several colleges from offering diploma nursing programs to combined diploma/baccalaureate programs in recent years. The first diploma graduates from the combined diploma/baccalaureate programs graduated in 1994/95, and the numbers of those diploma graduates are much lower than from the previous diploma programs, presumably because a large percentage of students are staying in these combined programs to complete a baccalaureate degree. The production rate of baccalaureate nurses is increasing in the basic level baccalaureate programs (both the basic B.S.N. and the Combined RN/BSN programs), but decreasing in the post-basic baccalaureate program (Post-RN Baccalaureate).

Figure 1 illustrates the differences described above in the production rates per 100,000 population for B.C. and Alberta in 1992/93, and "all Canada" in 1992 for the selected programs listed in Table 4.

(e) Production Index

The information reported in Table 5 is a combination of HHRU data available from several editions of the *PRODUCTION*, *ROLLCALL*, and *ROLLCALL UPDATE* series of reports. *ROLLCALL* and *ROLLCALL UPDATE* are biennial publications by the HHRU which show the number and distribution of selected health personnel in British Columbia.

The production index (PI) is the ratio of the number of personnel who are eligible for employment in each health human resources group to the number who graduated from B.C. institutions in the corresponding discipline in the academic year stated (1991/92, 1993/94, and 1995/96). The numerator comes from *ROLLCALL* or *ROLLCALL UPDATE* and is determined as follows: for groups where there are

Table 5
Production Index (PI) ¹
for Selected Health Groups in British Columbia
1991/92, 1993/94, 1995/96

<u>Health Personnel Group</u>	<u>1991/92</u>			<u>1993/94</u>			<u>1995/96</u>		
	<u>Personnel ²</u>	<u>Graduates ³</u>	<u>PI</u>	<u>Personnel ²</u>	<u>Graduates ³</u>	<u>PI</u>	<u>Personnel ²</u>	<u>Graduates ³</u>	<u>PI</u>
Certified Dental Assistants	3,845	299 ⁴	12.9	4,067	313	13.0	4,352	297	14.7
Dental Hygienists	985	59	16.7	1,227	61	20.1	1,433	63	22.7
Dentists	1,997	38	52.6	2,120	38	55.8	2,267	37	61.3
Pharmacists	2,439	111	22.0	2,563	104	24.6	2,733	119	23.0
Physicians	7,596	121	62.8	8,142	112	72.7	8,416	119	70.7
Licensed Practical Nurses	6,143	116 ⁴	53.0	5,970	100	59.7	5,673	132	43.0
Registered Nurses ⁵	26,669	720 ^{4,6}	37.0	27,879	660 ⁶	42.2	28,297	587	48.2
Registered Psychiatric Nurses	2,223	86	25.8	2,282	68	33.6	2,316	66	35.1
Massage Therapists	612	n/a	-	765	63	12.1	937	185	5.1
Occupational Therapists	566	30	18.9	644	34	18.9	775	37	20.9
Physical Therapists	1,801	32	56.3	1,964	34	57.8	2,067	32	64.6

¹ Production Index (PI) = number of personnel eligible for employment in B.C. divided by number of graduates.

² Source of personnel (eligible for employment) data: ROLLCALL 93 and ROLLCALL 95. Except where indicated, the most recent data available are used.

³ Source of graduate data: PRODUCTION 91, PRODUCTION 93, PRODUCTION UPDATE 94, and PRODUCTION 95. Except where indicated, the most recent data available are used.

⁴ The number of graduates includes an estimate taken from PRODUCTION 91.

⁵ Includes basic Baccalaureate program, Diploma program, Combined RN/BSN program, and Nursing Access program graduates.

⁶ This number is different than that appearing in PRODUCTION 93 due to a revision of the data and the addition of the Nursing Access program graduates to the total.

multiple registration or membership categories, only those categories where there is a potential for employment in the field are included. For example, registered nurses may be registered with the Registered Nurses Association of British Columbia (RNABC) as either "practising" or "non-practising". The PI would use only those in the "practising" category as the numerator, since those in the "non-practising" category by definition can not be employed in nursing. For groups where there is only one membership or registration category, such as certified dental assistants, the total number for the group is used. The same rules are applied to all the years under study.

In all three years, physicians showed the highest PI (62.8 in 1991/92, 72.7 in 1993/94, and 70.7 in 1995/96). This indicates that there will be one graduate from the University of British Columbia Faculty of Medicine in 1995/96 for every 70.7 physicians registered with the College of Physicians and Surgeons of British Columbia (CPSBC). In contrast, the two lowest PIs were those for the certified dental assistants (12.9 in 1991/92, 13.0 in 1993/94, and 14.7 in 1995/96), and the massage therapists (12.1 in 1993/94 and 5.1 in 1995/96). The massage therapists have now replaced the certified dental assistants as the group with the lowest PI, indicating a high educational output in relation to those already in the field.

The net changes in PI between 1991/92 and 1995/96 were fairly small and positive for the majority of health personnel groups. The only two groups with a net decrease in the PI (between 1991/92 and 1995/96) are the licensed practical nurses and the massage therapists. The PI for the massage therapists is decreasing rapidly due to the large increase in the number of graduates from Massage Therapy programs in B.C. The Massage Therapy graduates for 1996/97 are expected to further increase to 208 (see the Basic Level Rehabilitation Services table), so the PI will likely continue to decrease in the future for massage therapists. The groups with the largest increase in the PI are the registered nurses (from 37.0 in 1991/92 to 48.2 in 1995/96), the dentists (from 52.6 in 1991/92 to 61.3 in 1995/96), and the physical therapists (from 56.3 in 1991/92 to 64.6 in 1995/96). In the latter two cases the increases in the PIs can be largely attributed to increases in the number of personnel in both groups - an increase in the numerator. The increase in the PI for nurses is due to both an increase in the number of personnel and a decrease in the number of graduates.

Four groups show a relatively large increase from year to year in the number of personnel relative to the number of graduates during the same period: Dental Hygienists, Dentists, Physicians, and Physical Therapists. For example, the number of licensed dental hygienists grew from 985 in 1991/92 to 1227 in 1993/94 and to 1433 in 1995/96 while there were on average only 61 graduates per year during that time. Meanwhile, for groups such as Certified Dental Assistants, Pharmacists, Registered Nurses, and Registered Psychiatric Nurses the number of graduates appears larger than the increases seen in the number of personnel for these groups.

The PI shows the number of trained personnel who have graduated from British Columbia institutions for selected occupations relative to existing supply. The information from this index must be carefully interpreted in combination with other information such as growth rates, surpluses and shortages, and/or possibilities for health human resources substitution, in order to be used for educational program planning. The index does not account for the attrition rate from the professions (i.e. how many years are spent in the health occupation) or for inter-provincial migration or immigration from other countries into these health professions, the latter two being a substantial proportion of personnel supply for some health human resources groups in the province. Without taking some of these other factors into careful consideration, it is impossible to interpret the changes in the PI to be indicative of over-production, or conversely, of surplus personnel in a particular field.

INTRODUCTION TO THE CHAPTERS

The remainder of this report is separated into chapters specific to particular service areas; ten of the eleven service areas are split into both Basic Level and Post-basic Level programs. Mental Health Services lists only Post-basic Level programs. Within each section, the text descriptions for the program offerings are listed alphabetically by program (with the exception of post-basic Nursing Services) and are followed by the statistical tables at the end of the section.



I. ADMINISTRATIVE SERVICES

BASIC LEVEL

DENTAL RECEPTIONIST

Workforce Category Trained: Dental Receptionists

Requirement(s) for Practice: None

Kwantlen University College

Credential Received: Certificate

Campus Centre(s) Offered At: Langley

Comments: This program is offered through continuing education. Further information for this program was not supplied.

Okanagan University College

Credential Received: Certificate

Prerequisites: Grade Twelve; CPR/first aid training; typing

Full-time/Part-time: Part-time only

Program Length: 104 hours

Entry Date(s): September

Graduation Date(s): February/March

Campus Centre(s) Offered At: Vernon, Kelowna and Penticton

Comments: This program is offered through continuing education.

University College of the Fraser Valley

Credential Received: Certificate

Prerequisites: Grade Twelve with English 12; typing

Full-time/Part-time: Part-time only

Program Length: 422 hours total; includes 247 hours lecture and 175 hours clinical/practical experience

Entry Date(s): September

Graduation Date(s): May/June

Campus Centre(s) Offered At: Abbotsford

Comments: This program is offered by the Continuing Education Department.

Vancouver Community College

Credential Received: Certificate

Prerequisites: Grade Twelve; English Language Assessment test

Full-time/Part-time: Full-time only

Program Length: Five months

Entry Date(s): September and February

Graduation Date(s): February and June

Campus Centre(s) Offered At: City Centre

Comments: E.I.C. currently funds one seat per class (two seats per year).

HEALTH INFORMATION SCIENCES

Workforce Category Trained: Information Systems Analysts

Requirement(s) for Practice: None

University of Victoria

Credential Received: Baccalaureate

Prerequisites: One year college or university including CSC 110 and 115, three units level 100 English, and Math 100 and 151

Full-time/Part-time: Full-time only

Program Length: Forty months total; includes twenty months lecture and sixteen months practica (co-op)

Entry Date(s): September

Graduation Date(s): May or November

Comments: This program includes courses in computer science, health care and health care management/administration. It is a co-operative program in which the students spend a total of sixteen months in work experiences.

Workforce Category Trained: Health Record Technicians and Health Record Administrators

Requirement(s) for Practice: Certified as a Canadian College of Health Record Administrators -- certificant (C.C.H.R.A.(C.)) with the Canadian Health Record Association -- not required for employment, but often requested by employers

Douglas College

Credential Received: Diploma

Prerequisites: Grade Twelve with Biology 11, Math 11, and English 12; thirty-five wpm typing; visit to a Health Record Department

Full-time/Part-time: Both full-time and part-time

Program Length: Sixty-nine weeks total full-time; includes fifty-four weeks lecture and fifteen weeks clinical/practical experience

Entry Date(s): September

Graduation Date(s): June

Campus Centre(s) Offered At: New Westminster

Comments: Health Record Technicians may apply for direct entry into the second year of this program to obtain Health Record Administrator level training.

MEDICAL/DENTAL RECEPTIONIST

Workforce Category Trained: Receptionists and Clerical Workers in the Medical/Dental field

Requirement(s) for Practice: None

Okanagan University College

Credential Received: Certificate

Prerequisites: Grade Twelve; Office Administration Level I or II; thirty-five wpm typing

Full-time/Part-time: Full-time only

Program Length: 480 hours total; includes 450 hours lecture and 30 hours clinical/practical experience

Entry Date(s): March

Graduation Date(s): June

Campus Centre(s) Offered At: K.L.O. -- Kelowna

Comments: None

MEDICAL OFFICE ASSISTANT

Workforce Category Trained: Medical Office Assistants

Requirement(s) for Practice: Registration (after one year of work experience) with the Medical Office Assistants' Association of B.C.
 -- not required for employment

British Columbia Institute of Technology

Credential Received: Certificate
 Full-time/Part-time: Part-time only
 Campus Centre(s) Offered At: Burnaby
 Comments: Further information for this program was not supplied.

Camosun College

Credential Received: Certificate
 Full-time/Part-time: Full-time only
 Campus Centre(s) Offered At: Carey Road
 Comments: Further information for this program was not supplied.

Capilano College

Credential Received: Certificate
 Prerequisites: Grade Twelve; typing; CPR/first aid training; good English skills
 Full-time/Part-time: Full-time only
 Program Length: Eight months total; includes 90% lecture and 10% clinical/practical experience
 Entry Date(s): September
 Graduation Date(s): April
 Campus Centre(s) Offered At: North Vancouver
 Comments: None

Douglas College

Credential Received: Certificate
 Prerequisites: Grade Twelve; forty wpm typing
 Full-time/Part-time: Both full-time and part-time
 Program Length: Nine months
 Entry Date(s): September (full-time); September or January (part-time)
 Graduation Date(s): May
 Campus Centre(s) Offered At: New Westminster
 Comments: Eighteen students per year are admitted on a full-time basis in September. Part-time students register on a course-by-course basis. The maximum enrolment (includes both full-time and part-time students) is thirty-six students in the lecture courses and twenty-four students in the laboratory courses.

Kwantlen University College

Credential Received: Certificate
 Prerequisites: Grade Twelve or equivalent; typing
 Full-time/Part-time: Full-time only
 Program Length: Nine months total; includes 456 hours lecture and 20 hours practicum
 Entry Date(s): September
 Graduation Date(s): June
 Campus Centre(s) Offered At: Richmond, Langley
 Comments: This program consists of a core program of basic office training courses (September to December), and then the Medical Office Assistant option courses (January to June).

Okanagan University College

Credential Received: Certificate
 Prerequisites: Grade Twelve, CPR/first aid training; typing
 Full-time/Part-time: Part-time only
 Program Length: 191 hours total; includes 171 hours lecture and 20 hours practicum
 Entry Date(s): September
 Graduation Date(s): May
 Campus Centre(s) Offered At: Vernon, Kelowna, and Penticton
 Comments: This program is offered through continuing education.

University College of the Cariboo

Credential Received: Certificate
 Prerequisites: Grade Twelve with English 12 or equivalent; thirty-five wpm typing
 Full-time/Part-time: Full-time only
 Program Length: Ten months total; includes nine and a half months lecture and two weeks practicum
 Entry Date(s): September
 Graduation Date(s): June
 Campus Centre(s) Offered At: Victoria Street
 Comments: Qualified applicants are admitted on a first come, first served basis.

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University College of the Fraser Valley

Credential Received: Certificate
 Prerequisites: Grade Twelve; typing/computer training; volunteer experience in the field; medical terminology training
 Full-time/Part-time: Full-time only
 Program Length: Twelve weeks
 Entry Date(s): May
 Graduation Date(s): July
 Campus Centre(s) Offered At: Abbotsford
 Comments: This program is offered by the Continuing Education Department.

Vancouver Community College

Credential Received: Certificate
 Prerequisites: Grade Twelve with Biology 12 and English 12; twenty-five wpm typing; CPR/first aid training; Introduction to Computers & Word-processing course; volunteer or work experience in the field would be helpful
 Full-time/Part-time: Full-time only
 Program Length: Nine months total; includes nine months lecture and four weeks practicum
 Entry Date(s): September
 Graduation Date(s): June
 Campus Centre(s) Offered At: City Centre
 Comments: E.I.C. funds from ten to twenty seats per intake.

MEDICAL RECEPTIONIST

Workforce Category Trained: Medical Receptionists
 Requirement(s) for Practice: None

North Island College

Credential Received: Certificate
 Full-time/Part-time: Both
 Comments: Further information for this program was not supplied.

MEDICAL SECRETARY

Workforce Category Trained: Medical Secretaries
Requirement(s) for Practice: None

Okanagan University College

Credential Received: Certificate
Prerequisites: Grade Twelve; typing
Full-time/Part-time: Full-time only
Program Length: 720 hours total; includes 660 hours lecture and 60 hours practicum
Entry Date(s): September
Graduation Date(s): February
Campus Centre(s) Offered At: K.L.O. -- Kelowna
Comments: This is a joint Medical Secretary and Transcriptionist program. Graduates are eligible for Registration with the Canadian Association of Medical Transcriptionists as a Certified Medical Transcriptionist.

Vancouver Community College

Credential Received: Certificate
Prerequisites: Grade Twelve with Biology 12 and English 12; twenty-five wpm typing; Introduction to Computers & Word-processing course; volunteer or work experience in the field would be helpful
Full-time/Part-time: Full-time only
Program Length: Nine months
Entry Date(s): September
Graduation Date(s): June
Campus Centre(s) Offered At: City Centre
Comments: E.I.C. funds from ten to fifteen seats per intake.

MEDICAL TRANSCRIPTIONIST

Workforce Category Trained: Medical Transcriptionists
Requirement(s) for Practice: None

Okanagan University College

Credential Received: Certificate
Comments: Okanagan offers a joint Medical Secretary/Transcriptionist program (please see the listing above for Medical Secretary).

Vancouver Community College

Credential Received: Certificate
Prerequisites: Grade Twelve with Biology 12 and English 12; twenty-five wpm typing; Introduction to Computers & Word-processing course; volunteer or work experience in the field would be helpful
Full-time/Part-time: Full-time only
Program Length: Nine months
Entry Date(s): September
Graduation Date(s): June
Campus Centre(s) Offered At: City Centre
Comments: E.I.C. funds from ten to fifteen seats per intake.

NURSING UNIT CLERK

7

Workforce Category Trained: Nursing Unit Clerks, Ward Clerks
Requirement(s) for Practice: None

Kwantlen University College

Credential Received: Certificate
Full-time/Part-time: Part-time only
Comments: This program is offered through continuing education. Further information for this program was not supplied.

Okanagan University College

Credential Received: Certificate
Prerequisites: Grade Twelve; CPR/first aid training; typing; Medical Terminology course; basic computer course
Full-time/Part-time: Part-time only
Program Length: 405 hours total; includes 252 hours lecture and 153 hours practicum
Entry Date(s): September
Graduation Date(s): July
Comments: This program was developed in 1994 and is offered through continuing education.

University College of the Fraser Valley

Credential Received: Certificate
Prerequisites: Grade Twelve; typing; current employment or volunteer experience in the field; computer and medical terminology training
Full-time/Part-time: Part-time only
Program Length: 350 hours total; includes 170 hours lecture and 180 hours practicum
Entry Date(s): January
Graduation Date(s): February
Campus Centre(s) Offered At: Abbotsford
Comments: This program is offered by the Continuing Education Department.

Vancouver Community College

Credential Received: Certificate
Prerequisites: Grade Twelve
Full-time/Part-time: Full-time only
Program Length: Twenty-four weeks; includes six weeks clinical/practical experience
Entry Date(s): August, November, and February
Graduation Date(s): February, May, and August
Campus Centre(s) Offered At: City Centre
Comments: The number of seats funded by E.I.C. varies.

West Coast College of Health Care

Credential Received: Certificate
Prerequisites: Grade Twelve with Biology 11, Math 11 and English 11; twenty-five wpm typing; good communication and interpersonal skills
Full-time/Part-time: Full-time only
Program Length: Thirty weeks total; includes twenty-six weeks lecture and four weeks practicum
Entry Date(s): September and February
Graduation Date(s): May and September
Campus Centre(s) Offered At: Surrey
Comments: This is the first time this program has been included in *PRODUCTION*.

ADMINISTRATIVE SERVICES
BASIC Level Health Programs in British Columbia
by Program and Institution

Program and Educational Institution:	FT / PT	1994/95								1995/96								1996/97							
		Applicants: M F	Enrolment (by year):					Graduates: M F	Applicants: M F	Enrolment (by year):					Graduates: M F	Applicants: M F	Enrolment (by year):					Graduates: M F			
			1st M F	2nd M F	3rd M F	4th M F	5th M F			1st M F	2nd M F	3rd M F	4th M F	5th M F			1st M F	2nd M F	3rd M F	4th M F	5th M F				
Dental Receptionist																									
Kwantlen University College	PT	n/a	n/a	-	-	-	-	-	n/a	n/a	n/a	-	-	-	-	n/a	n/a	n/a	-	-	-	-	-	n/a	
Okanagan University College	PT	0 36	0 36	-	-	-	-	-	0 30	0 28	0 28	-	-	-	-	0 28	0 20	0 20	-	-	-	-	-	0 20	
Univ. College of the Fraser Valley	PT	n/a	0 19	-	-	-	-	-	0 19	0 19	0 19	-	-	-	-	0 19	18-20	18-20	-	-	-	-	-	18-20	
Vancouver Community College	FT	1 39	1 39	-	-	-	-	-	1 39	0 40	0 40	-	-	-	-	0 40	0 40	0 40	-	-	-	-	-	0 40	
Health Information Sciences																									
University of Victoria	FT	23 22	-	-	13 12	20 11	12 16	-	5 13	21 23	-	-	13 11	13 12	20 11	7 6	6 14	25 20	-	-	20 15	13 11	13 12	5 5	15 6
Health Information Services																									
Douglas College ¹	FT	3 50	2 19	0 2	-	-	-	-	1 7	2 22	1 11	0 2	-	-	-	2 6	2 27	2 25	0 2	-	-	-	-	0 11	
	PT	0 9	0 0	0 5	-	-	-	-	0 0	1 11	1 3	0 5	-	-	-	0 7	0 10	0 5	0 5	-	-	-	-	0 3	
Medical/Dental Receptionist																									
Okanagan University College	FT	n/a	20	-	-	-	-	-	15	n/a	20	-	-	-	-	20	n/a	20	-	-	-	-	-	20	
Medical Office Assistant																									
B.C. Institute of Technology	PT	n/a	n/a	-	-	-	-	-	n/a	n/a	n/a	-	-	-	-	n/a	n/a	n/a	-	-	-	-	-	n/a	
Camosun College	FT	n/a	n/a	-	-	-	-	-	n/a	n/a	n/a	-	-	-	-	n/a	n/a	n/a	-	-	-	-	-	n/a	
Capilano College	FT	0 34	0 34	-	-	-	-	-	0 32	0 34	0 34	-	-	-	-	0 32	0 34	0 34	-	-	-	-	-	0 32	
Douglas College	FT	n/a	0 18	-	-	-	-	-	0 18	n/a	0 18	-	-	-	-	0 18	n/a	0 18	-	-	-	-	-	0 18	
	PT	n/a	0 20	-	-	-	-	-	0 6	n/a	1 38	-	-	-	-	0 18	n/a	0 38	-	-	-	-	-	1 18	
Kwantlen University College	FT	n/a	0 36	-	-	-	-	-	0 35	0 40	0 33	-	-	-	-	0 33	0 40	0 40	-	-	-	-	-	0 40	
Okanagan University College	PT	0 59	0 59	-	-	-	-	-	0 59	0 61	0 61	-	-	-	-	0 60	0 60	0 60	-	-	-	-	-	0 60	
Univ. College of the Cariboo	FT	0 24	0 22	-	-	-	-	-	0 19	0 16	0 16	-	-	-	-	0 16	0 22	0 22	-	-	-	-	-	0 19	
Univ. College of the Fraser Valley	FT	0 16	0 16	-	-	-	-	-	0 14	0 18	0 18	-	-	-	-	n/a	n/a	n/a	-	-	-	-	-	n/a	
Vancouver Community College	FT	1 20	1 20	-	-	-	-	-	1 19	0 39	0 39	-	-	-	-	0 36	0 28	0 28	-	-	-	-	-	0 24	

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ADMINISTRATIVE SERVICES
BASIC Level Health Programs in British Columbia
by Program and Institution

Program and Educational Institution:	FT / PT	1994/95								1995/96								1996/97							
		Applicants: M F	Enrolment (by year):					Graduates: M F		Applicants: M F	Enrolment (by year):					Graduates: M F		Applicants: M F	Enrolment (by year):					Graduates: M F	
			1st	2nd	3rd	4th	5th				1st	2nd	3rd	4th	5th				1st	2nd	3rd	4th	5th		
			M F	M F	M F	M F	M F				M F	M F	M F	M F	M F				M F	M F	M F	M F	M F		
Medical Secretary																									
Okanagan University College	FT	n/a	0 20	- -	- -	- -	- -	0 11	n/a	0 20	- -	- -	- -	- -	- -	0 20	n/a	0 20	- -	- -	- -	- -	- -	0 20	
Vancouver Community College	FT	0 13	0 13	- -	- -	- -	- -	0 12	0 9	0 9	- -	- -	- -	- -	- -	0 9	0 13	0 13	- -	- -	- -	- -	- -	0 12	
Medical Transcriptionist																									
Vancouver Community College	FT	0 18	0 18	- -	- -	- -	- -	0 17	0 16	0 16	- -	- -	- -	- -	- -	0 15	0 15	0 15	- -	- -	- -	- -	- -	0 13	
Nursing Unit Clerk																									
Kwantlen University College	PT	n/a	n/a	- -	- -	- -	- -	n/a	n/a	n/a	- -	- -	- -	- -	- -	n/a	n/a	n/a	- -	- -	- -	- -	- -	n/a	
Okanagan University College	PT	n/a	0 18	- -	- -	- -	- -	0 18	n/a	0 21	- -	- -	- -	- -	- -	0 21	n/a	0 20	- -	- -	- -	- -	- -	0 20	
Univ. College of the Fraser Valley	PT	0 24	0 24	- -	- -	- -	- -	0 18	0 25	0 25	- -	- -	- -	- -	- -	0 22	n/a	n/a	- -	- -	- -	- -	- -	0 24	
Vancouver Community College ³	FT	n/a	0 18	- -	- -	- -	- -	1 38	n/a	0 36	- -	- -	- -	- -	- -	n/a	n/a	n/a	- -	- -	- -	- -	- -	n/a	
West Coast College of Health Care ²	FT	0 6	0 6	- -	- -	- -	- -	0 3	0 20	0 15	- -	- -	- -	- -	- -	0 9	0 24	0 20	- -	- -	- -	- -	- -	0 14	

"n/a" Data not available (or not supplied). " - " Data not appropriate or not applicable.

¹ This program has replaced the former Health Record Administration and Health Record Technician programs.

² The August entrants for this program are included as though they entered in September, i.e. the August 1995 entrants are listed under 1995/96. The enrolment data listed is incomplete, only data for the calendar year 1995 was available. Thus, the 1994/95 enrolment data include only one offering, while the 1995/96 data include only two offerings.

³ The applicant numbers given are based on calendar year rather than academic year. The 1994 applicants are listed under 1994/95, and the 1995 applicants are listed under 1995/96, etc.

II. ADMINISTRATIVE SERVICES

POST-BASIC LEVEL

CONTINUING HEALTH CARE ADMINISTRATION

Workforce Category Trained: Administrators of extended care
facilities, intermediate care facilities, or home support agencies
Requirement(s) for Practice: None

Malaspina University College

Credential Received: Diploma
Prerequisites: Grade Twelve with Math 11 and English 12, or
mature student; current employment in the field; written letter
indicating reasons for wanting to complete this program
Full-time/Part-time: Distance education
Program Length: Eleven of thirteen courses are available through
distance education (DE); students usually take approximately
two and a half years to complete the program
Entry Date(s): February
Graduation Date(s): June
Comments: None

HEALTH ADMINISTRATION -- Master's

Workforce Category Trained: Administrators
Requirement(s) for Practice: None

University of British Columbia

Credential Received: Master of Health Administration (M.H.A.)
Prerequisites: Bachelor's degree
Full-time/Part-time: Both full-time and part-time
Program Length: Twenty-four months
Entry Date(s): September
Graduation Date(s): November or May
Comments: Enrolment for this program is based partially on
expected demand by student type.

HEALTH CARE AND EPIDEMIOLOGY -- Master's

13

Workforce Category Trained: Administrators, Physicians, and Nurses
Requirement(s) for Practice: None

University of British Columbia

Credential Received: Master of Science (M.Sc.)
Prerequisites: Bachelor's degree with Honours; research or clinical experience recommended
Full-time/Part-time: Both full-time and part-time
Program Length: One to three years full-time; four to six years part-time
Entry Date(s): September
Graduation Date(s): November or May
Comments: They expect enrolment to remain at the current level of one to two students per year over the next few years.

HEALTH CARE AND EPIDEMIOLOGY -- Doctorate

Workforce Category Trained: Administrators, Physicians, and Nurses
Requirement(s) for Practice: None

University of British Columbia

Credential Received: Doctor of Philosophy (Ph.D.)
Prerequisites: Bachelor's degree with Honours, or degree in medicine, nursing, etc.; research or clinical experience recommended
Full-time/Part-time: Full-time only
Program Length: Three to six years
Entry Date(s): September
Graduation Date(s): November or May
Comments: They expect enrolment to remain at the current level of one to two students per year over the next few years.

HEALTH CARE MANAGEMENT LEVEL I

Workforce Category Trained: All levels of health personnel who are
assuming management positions
Requirement(s) for Practice: None

British Columbia Institute of Technology

Credential Received: Certificate
Full-time/Part-time: Part-time, and through distance education
Comments: Further information for this program was not
supplied.

HEALTH CARE MANAGEMENT LEVEL II

Workforce Category Trained: All levels of health personnel who are
assuming management positions
Requirement(s) for Practice: None

British Columbia Institute of Technology

Credential Received: Certificate
Full-time/Part-time: Part-time, and through distance education
Comments: Further information for this program was not
supplied.

ADMINISTRATIVE SERVICES
POST-BASIC Level Health Programs in British Columbia
by Program and Institution

Program and Educational Institution:	FT / PT	1994/95										1995/96										1996/97									
		Appli- cants:		Enrolment (by year):										Grad- uates:		Appli- cants:		Enrolment (by year):										Grad- uates:			
				1st		2nd		3rd		4th		5th																			
M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F		
Continuing Health Care Admin. Malaspina University College	DE	6	18	5	16	4	13	-	-	-	-	-	-	-	-	-	-	n/a	6	22	5	20	1	11	-	-	-	-	-	-	n/a
Health Administration -- Master's Univ. of British Columbia	FT	9	11	1	3	7	4	0	0	-	-	-	-	-	-	-	-	4	5	n/a	n/a	n/a	n/a	-	-	-	-	-	-	n/a	
	PT	1	4	1	2	0	0	1	1	0	0	-	-	n/a	0	3	0	2	1	2	0	0	1	1	-	-	n/a	n/a	n/a	n/a	n/a
Health Care & Epidemiology -- Master's Univ. of British Columbia	FT	1	7	0	2	0	1	0	1	-	-	-	-	-	-	-	-	n/a	n/a	1-2	1	2	0	2	-	-	-	-	-	n/a	
	PT	0	2	0	0	0	0	1	2	2	1	0	0	0	0	1	2	2	1	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
Health Care & Epidemiology -- Doctorate Univ. of British Columbia	FT	7	5	2	0	2	3	0	4	0	1	1	0	0	0	6	11	2	0	2	0	2	3	0	4	1	1	1	0	n/a	

" n/a " Data not available (or not supplied). " - " Data not appropriate or not applicable.

III. DENTAL SERVICES

BASIC LEVEL

DENTAL ASSISTING

Workforce Category Trained: Level I and II Dental Auxiliaries
 Requirement(s) for Practice: Level I Dental Auxiliary -- none required to work as a chairside dental assistant; Level II Dental Auxiliary -- Registration and Licensure as a Certified Dental Assistant (C.D.A.) with the College of Dental Surgeons of B.C. -- required for employment

Camosun College

Credential Received: Certificate
 Prerequisites: Grade Twelve with English 12, and either Chemistry 11 or Biology 12; CPR/first aid training; volunteer experience in the field
 Full-time/Part-time: Full-time only
 Program Length: Ten months total; includes four months lecture and six months clinical/practical experience
 Entry Date(s): August
 Graduation Date(s): June
 Campus Centre(s) Offered At: Lansdowne campus
 Comments: None

College of New Caledonia

Credential Received: Certificate
 Prerequisites: Grade Twelve with Biology 12, and English 12; CPR/first aid training; volunteer experience in the field; geographic consideration
 Full-time/Part-time: Full-time only
 Program Length: Ten months total, include six weeks clinical/practical experience
 Entry Date(s): September
 Graduation Date(s): June
 Campus Centre(s) Offered At: Prince George
 Comments: None

College of the Rockies (East Kootenay CC)

Credential Received: Certificate
 Prerequisites: Grade Twelve with Chemistry 11, Biology 12, and English 12; two days observation in a dental office
 Full-time/Part-time: Full-time only
 Program Length: Ten months total; includes twenty-six weeks lecture and six weeks clinical/practical experience
 Entry Date(s): September
 Graduation Date(s): June
 Campus Centre(s) Offered At: Cranbrook
 Comments: E.I.C. funds approximately one seat per intake.

Douglas College

Credential Received: Certificate
 Prerequisites: Grade Twelve; reading, writing, and math assessment tests
 Full-time/Part-time: Full-time only
 Program Length: Ten months total; includes 415 hours lecture and 738 hours clinical/practical experience
 Entry Date(s): September
 Graduation Date(s): June
 Campus Centre(s) Offered At: New Westminster
 Comments: None

Malaspina University College

Credential Received: Certificate
 Prerequisites: Grade Twelve with Biology 12, English 12; Basic Dental Terminology course; CPR/first aid training; or mature student status with chairside dental assistant background
 Full-time/Part-time: Full-time only
 Program Length: Ten months total; includes three months lecture and seven months clinical/practical experience
 Entry Date(s): September
 Graduation Date(s): June
 Campus Centre(s) Offered At: Nanaimo
 Comments: E.I.C. funds approximately four seats per intake.

Okanagan University College

Credential Received: Certificate
 Prerequisites: Grade Twelve with Chemistry 11 or Physics 11, Biology 12, and English 12; CPR/first aid training
 Full-time/Part-time: Full-time only
 Program Length: Forty weeks total; includes thirty-four weeks lecture and six weeks clinical/practical experience
 Entry Date(s): September
 Graduation Date(s): June
 Campus Centre(s) Offered At: KLO -- Kelowna
 Comments: E.I.C. funds approximately six seats per intake.

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Open Learning Agency

Credential Received: Certificate

Prerequisites: Grade Twelve (recommended but not required) with English 10 and Biology 11; admission and continuance requires ongoing dental office work

Full-time/Part-time: Distance education

Program Length: Level I: nine out of nine courses are available through distance education (DE), and students usually take one to two years to complete this level; Level II: five out of five courses are available through DE, and students usually take eighteen to twenty-four months to complete this level

Entry Date(s): Continuous

Graduation Date(s): Continuous

Comments: This program is offered as two separate certificate programs: Level I Dental Assistant and Level II Dental Assistant. The prerequisites given above are for entry to the Level I program. Virtually all students who complete the Level I program go on to complete the Level II Dental Assistant program. It is difficult to estimate enrolment in this program due to the distance education format.

Vancouver Community College

Credential Received: Certificate

Prerequisites: Grade Twelve with Biology 11; English Language Assessment test

Full-time/Part-time: Full-time only

Program Length: Ten months total; includes 277.5 hours lecture and 352.5 hours clinical/practicum

Entry Date(s): September

Graduation Date(s): June

Campus Centre(s) Offered At: City Centre

Comments: None

University College of the Fraser Valley

Credential Received: Certificate

Prerequisites: Grade Twelve with Chemistry 11, Biology 12, and English 12 (please see comments); CPR/first aid training; volunteer experience in the field

Full-time/Part-time: Full-time only

Program Length: Forty-two weeks total; includes 527 hours lecture and 623 hours clinical/practical experience

Entry Date(s): September; February (CTC)

Graduation Date(s): June; January (CTC)

Campus Centre(s) Offered At: Chilliwack; Career Technical Centre (CTC) in Abbotsford

Comments: E.I.C. funds approximately eight to ten seats per year. UCFV and School District 34 (Abbotsford) have opened and jointly sponsored the CTC. Students enter the CTC at the Grade Eleven level and complete high school and a one year certificate program. Dental Assisting is one of the programs offered at the CTC.

DENTAL HYGIENE -- Diploma

Workforce Category Trained: Dental Hygienists
 Requirement(s) for Practice: Registration as a Registered Dental Hygienist (R.D.H.) with the College of Dental Hygienists of B.C. -- required for employment

Camosun College

Credential Received: Diploma
 Prerequisites: Grade Twelve; one year college or university; CPR/first aid training
 Full-time/Part-time: Full-time only
 Program Length: Twenty months total; includes twelve months lecture and eight months clinical/practical experience
 Entry Date(s): September
 Graduation Date(s): June
 Campus Centre(s) Offered At: Lansdowne campus
 Comments: None

Vancouver Community College

Credential Received: Diploma
 Prerequisites: One year college or university with English, Chemistry, Psychology, and one elective; CPR/first aid training
 Full-time/Part-time: Full-time only
 Program Length: Twenty months total; includes 18 to 21 hours per week lecture and 9 to 12 hours per week clinical/practical experience
 Entry Date(s): September
 Graduation Date(s): June
 Campus Centre(s) Offered At: City Centre
 Comments: None

College of New Caledonia

Credential Received: Diploma
 Prerequisites: One year college or university; CPR/first aid training; volunteer experience in the field; geographic consideration; Dent 100 (OLA) or Deno 150 (CNC) would be beneficial
 Full-time/Part-time: Full-time only
 Program Length: Seventy weeks total
 Entry Date(s): August
 Graduation Date(s): June
 Campus Centre(s) Offered At: Prince George
 Comments: None

DENTAL TECHNICIAN

21

Workforce Category Trained: Dental Technicians
Requirement(s) for Practice: Registration as a Registered Dental Technician with the College of Dental Technicians of B.C. -- required for employment

Vancouver Community College

Credential Received: Diploma
Prerequisites: Grade Twelve with Chemistry 11, Physics 11, Biology 12, and English 12; manual dexterity test
Full-time/Part-time: Full-time only
Program Length: Thirty-six months total
Entry Date(s): June and September
Graduation Date(s): July and October
Campus Centre(s) Offered At: City Centre
Comments: This is a co-operative program in which the students spend a total of eighteen months in work experiences. Students enter this program in September of an odd year or June of an even year. They graduate three years later in October of an even year or July of an odd year. Thus in an academic year like 1994/95 there are no intakes and two graduations, while in 1995/96, there are two intakes but no graduations.

DENTISTRY

Workforce Category Trained: Dentists
Requirement(s) for Practice: Certification by the National Dental Examining Board of Canada and Registration and Licensure with the College of Dental Surgeons of B.C. -- both required for employment

University of British Columbia

Credential Received: Doctor of Dental Medicine (D.M.D.)
Prerequisites: Three years college or university including first year Biology, Chemistry, Math, Physics, and English, second year Organic Chemistry, and third year Biochemistry
Full-time/Part-time: Full-time only
Program Length: 126 weeks total
Entry Date(s): August
Graduation Date(s): May
Comments: Starting in the second year of this program, there is both lecture time and clinic work every week.

DENTURIST

Workforce Category Trained: Denturists
Requirement(s) for Practice: Registration and Licensure (following
eighteen months work experience) as a Registered Denturist with
the College of Denturists of B.C. -- required for employment

Vancouver Community College

Credential Received: Diploma
Prerequisites: Grade Twelve with Chemistry 11, Physics 11,
Biology 12, and English 12; manual dexterity test
Full-time/Part-time: Full-time only
Program Length: Twenty-four months total
Entry Date(s): September
Graduation Date(s): September
Campus Centre(s) Offered At: City Centre
Comments: Students enter this program in September of an odd
year and graduate two years later.

DENTAL SERVICES
BASIC Level Health Programs in British Columbia
by Program and Institution

Program and Educational Institution:	FT / PT	1994/95								1995/96								1996/97																	
		Applicants:		Enrolment (by year):								Applicants:		Enrolment (by year):								Applicants:		Enrolment (by year):											
		M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F								
Dental Assisting																																			
Camosun College ¹	FT	n/a		0	42	-	-	-	-	-	-	0	38	n/a	0	42	-	-	-	-	-	-	0	39	n/a	42	-	-	-	-	-	-	n/a		
College of New Caledonia	FT	n/a		0	23	-	-	-	-	-	-	0	20	n/a	0	24	-	-	-	-	-	-	0	24	n/a	0	24	-	-	-	-	-	0	24	
College of the Rockies (EKCC)	FT	0	24	0	24	-	-	-	-	-	-	0	21	2	22	2	22	-	-	-	-	-	2	17	0	24	0	24	-	-	-	-	-	0	24
Douglas College	FT	n/a		0	27	-	-	-	-	-	-	0	24	n/a	0	27	-	-	-	-	-	-	0	24	n/a	0	27	-	-	-	-	-	0	24	
Malaspina University College	FT	n/a		36		-	-	-	-	-	-	0	32	n/a	36	-	-	-	-	-	-	0	34	0	171	0	36	-	-	-	-	-	0	34	
Okanagan University College	FT	0	24	0	24	-	-	-	-	-	-	0	23	0	24	0	24	-	-	-	-	-	0	24	0	24	0	24	-	-	-	-	-	0	24
Open Learning Agency	DE	n/a		n/a		-	-	-	-	-	-	0	43	n/a	n/a	-	-	-	-	-	-	0	30	n/a	n/a	-	-	-	-	-	-	0	36		
Univ. College of the Fraser Valley	FT	4	175	3	41	-	-	-	-	-	-	0	24	3	200	1	43	-	-	-	-	-	1	23	n/a	1	44	-	-	-	-	-	0	40	
Vancouver Community College	FT	1	83	1	83	-	-	-	-	-	-	1	70	0	84	0	84	-	-	-	-	-	0	79	0	84	0	84	-	-	-	-	-	0	80
Dental Hygiene -- Diploma																																			
Camosun College ¹	FT	n/a		2	24	0	22	-	-	-	-	0	22	114	0	26	2	23	-	-	-	-	2	23	n/a	26	27	-	-	-	-	-	n/a		
College of New Caledonia	FT	12	160	0	20	0	19	-	-	-	-	0	19	3	161	2	19	0	18	-	-	-	0	18	5	165	n/a	n/a	-	-	-	-	20		
Vancouver Community College	FT	140-150		0	20	2	18	-	-	-	-	2	18	5	140	0	19	0	20	-	-	-	0	20	145-155	0	20	0	19	-	-	-	-	n/a	
Dental Technician																																			
Vancouver Community College ²	FT	-	-	-	-	n/a		-	-	-	-	n/a	50	38	8	7	-	-	n/a		-	-	-	-	-	-	-	n/a	-	-	-	-	n/a		
Dentistry																																			
Univ. of British Columbia ¹	FT	171	117	25	14	25	26	25	12	29	11	29	11	152	85	21	19	25	14	25	16	25	12	37	160	90	20	20	21	19	25	14	25	16	n/a
Denturist																																			
Vancouver Community College ³	FT	-	-	-	-	n/a		-	-	-	-	-	-	20	17	11	4	-	-	-	-	-	n/a	-	-	-	-	n/a	-	-	-	-	-	-	

" n/a " Data not available (or not supplied).

" - " Data not appropriate or not applicable.

¹ The August entrants for this program are included as though they entered in September, i.e. the August 1994 entrants are listed under 1994/95.

² In the academic years 1994/95 and 1996/97 there are no intakes but two graduations, while in 1995/96 there are two intakes and no graduations.

³ Students enter this program in September of an odd year and graduate two years later in September, thus the data in the table for one class covers three academic years (i.e. September 1995 to September 1997).

Prepared by:

Health Human Resources Unit
The University of British Columbia

IV. DENTAL SERVICES

POST-BASIC LEVEL

DENTAL HYGIENE -- Baccalaureate

Workforce Category Trained: Dental Hygienists
Requirement(s) for Practice: Registration as a Registered Dental Hygienist (R.D.H.) with the College of Dental Hygienists of B.C. -- required for employment

University of British Columbia

Credential Received: Bachelor of Dental Science (B.D.Sc.)
Prerequisites: Diploma in Dental Hygiene
Full-time/Part-time: Both full-time and part-time
Program Length: Two academic years total full-time; includes approximately fifty weeks lecture and two weeks clinical/practical experience
Entry Date(s): September
Graduation Date(s): May or November
Comments: Some courses are available through distance education.

DENTAL SCIENCE -- Master's

Workforce Category Trained: Researchers in Dental Science
Requirement(s) for Practice: None

University of British Columbia

Credential Received: Master of Science (M.Sc.) in Dental Science
Prerequisites: Bachelor's degree or D.M.D.
Full-time/Part-time: Both full-time and part-time
Program Length: Twenty-four to thirty-six months total; includes eight months lecture
Entry Date(s): September
Graduation Date(s): May or November
Comments: This program is available alone, or in combination with a Certificate in Oral Medicine, Oral Pathology, or Oral Radiology, or a Diploma in Periodontics (see separate listings in this section).

Workforce Category Trained: Oral Biologists, Researchers, and Academic Personnel

Requirement(s) for Practice: None specific to this program.

Certification by the National Dental Examining Board of Canada and Registration and Licensure with the College of Dental Surgeons of B.C. -- both required for employment as a dentist

University of British Columbia

Credential Received: Doctor of Philosophy (Ph.D.)

Prerequisites: D.D.S., D.M.D., M.D., D.V.M., or their equivalents; or an M.Sc. in Dental Science or a related discipline

Full-time/Part-time: Full-time only

Program Length: Three to seven years

Entry Date(s): September

Graduation Date(s): May or November

Comments: None

ORAL MEDICINE

Workforce Category Trained: Specialists in Oral Medicine

Requirement(s) for Practice: Specialty Licensure in Oral Medicine with the College of Dental Surgeons of B.C. -- not required for employment. Certification by the National Dental Examining Board of Canada and Registration and Licensure with the College of Dental Surgeons of B.C. -- both required for employment

University of British Columbia

Credential Received: Master of Science (M.Sc.) in Dental Science, and a Certificate in Oral Medicine

Prerequisites: D.M.D., D.D.S., or equivalent

Full-time/Part-time: Full-time only

Program Length: Thirty-six months

Entry Date(s): July

Graduation Date(s): May/June

Comments: Fiscal restraints preclude offering this program, other than to exceptional applicants.

ORAL PATHOLOGY

Workforce Category Trained: Specialists in Oral Pathology
 Requirement(s) for Practice: Specialty Licensure in Oral Pathology
 with the College of Dental Surgeons of B.C.; eligible to take
 Specialty examination of the Royal College of Dentists of Canada -
 - not required for employment. Certification by the National Dental
 Examining Board of Canada and Registration and Licensure with
 the College of Dental Surgeons of B.C. -- both required for
 employment

University of British Columbia

Credential Received: Master of Science (M.Sc.) in Dental Science,
 and a Certificate in Oral Pathology
 Prerequisites: D.M.D., D.D.S., or equivalent
 Full-time/Part-time: Full-time only
 Program Length: Thirty-six months
 Entry Date(s): July
 Graduation Date(s): May/June
 Comments: None

ORAL RADIOLOGY

Workforce Category Trained: Specialists in Oral Radiology
 Requirement(s) for Practice: Speciality Licensure in Oral Radiology
 with the College of Dental Surgeons of B.C.; eligible to take
 Specialty examination of the Royal College of Dentists of Canada -
 - not required for employment. Certification by the National Dental
 Examining Board of Canada and Registration and Licensure with
 the College of Dental Surgeons of B.C. -- both required for
 employment

University of British Columbia

Credential Received: Master of Science (M.Sc.) in Dental Science,
 and a Certificate in Oral Radiology
 Prerequisites: D.M.D., D.D.S., or equivalent
 Full-time/Part-time: Full-time only
 Program Length: Thirty-three months
 Entry Date(s): September
 Graduation Date(s): May
 Comments: The certificate component of this program is currently
 on hold because of fiscal restraints (the M.Sc. component is
 available).

Workforce Category Trained: Periodontists
Requirement(s) for Practice: Speciality Licensure in Periodontics with the College of Dental Surgeons of B.C. -- not required for employment. Certification by the National Dental Examining Board of Canada and Registration and Licensure with the College of Dental Surgeons of B.C. -- both required for employment

University of British Columbia

Credential Received: Master of Science (M.Sc.) in Dental Science, and a Diploma in Periodontics

Prerequisites: D.M.D., or D.D.S.

Full-time/Part-time: Full-time only

Program Length: Approximately thirty-one months

Entry Date(s): September

Graduation Date(s): July

Comments: This program recently changed from a two year Diploma only program to a three year combined Master's and Diploma program. Therefore, there will be a temporary lapse in graduates in 1996.

DENTAL SERVICES
POST-BASIC Level Health Programs in British Columbia
by Program and Institution

		1994/95										1995/96										1996/97																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
Program and Educational Institution:	FT / PT	Applicants: M F	Enrolment (by year):										Graduates: M F	Applicants: M F	Enrolment (by year):										Graduates: M F	Applicants: M F	Enrolment (by year):										Graduates: M F																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
			1st M F	2nd M F	3rd M F	4th M F	5th M F	1st M F	2nd M F	3rd M F	4th M F	5th M F			1st M F	2nd M F	3rd M F	4th M F	5th M F	1st M F	2nd M F	3rd M F	4th M F	5th M F																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
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"n/a" Data not available (or not supplied). "-" Data not appropriate or not applicable.

¹ This program recently changed from a two year Diploma program to a three year Diploma and Master's combined program. Therefore, there will be a temporary lapse in graduates in 1995/96.

V. HEALTH STANDARDS PROGRAMS

BASIC LEVEL

ENVIRONMENTAL HEALTH: PUBLIC HEALTH INSPECTION

Workforce Category Trained: Public Health Inspectors, Environmental Health Officers

Requirement(s) for Practice: Certification, after a twelve week practicum, as a Public Health Inspector (Canada) with the Board of Certification for the Canadian Institute of Public Health Inspectors -- required for employment

British Columbia Institute of Technology

Credential Received: Diploma of Technology

Prerequisites: Grade Twelve with Biology 11 (Biology 12 preferred), Physics 11, Chemistry 12, Math 12, and English 12

Full-time/Part-time: Full-time only

Program Length: Seventy weeks total

Entry Date(s): September

Graduation Date(s): June

Campus Centre(s) Offered At: Burnaby campus

Comments: Students who are not successful in course work in their first or second year may require an extra year to complete the program, during which they are considered part-time.

OCCUPATIONAL HEALTH & SAFETY

Workforce Category Trained: Occupational Health and Safety Workers

Requirement(s) for Practice: Registration, after three years experience in the field and a written exam, as a Canadian Registered Safety Professional (C.R.S.P.) with the Canadian Registered Safety Professionals -- not required for employment

British Columbia Institute of Technology

Credential Received: National Diploma of Technology (OH&S)

Prerequisites: Grade Twelve with Chemistry 11, Physics 11, Math 12, and English 12

Full-time/Part-time: Full-time only

Program Length: Seventy weeks total

Entry Date(s): September

Graduation Date(s): June

Campus Centre(s) Offered At: Burnaby campus

Comments: None

HEALTH STANDARDS
BASIC Level Health Programs in British Columbia
by Program and Institution

Program and Educational Institution:	FT / PT	1994/95								1995/96								1996/97															
		Applicants: M F		Enrolment (by year):								Applicants: M F		Enrolment (by year):								Applicants: M F		Enrolment (by year):								Applicants: M F	
				1st		2nd		3rd		4th				Graduates: M F		1st		2nd		3rd				4th		Graduates: M F		1st		2nd			
Environmental Health – Public Health Inspection B.C. Institute of Technology	FT PT	217 - -	23 9 0 0	19 10 1 1	- - - -	- - - -	- - - -	18 10 1 1	112 - -	17 14 0 0	22 8 0 0	- - - -	- - - -	- - - -	22 8 0 0	n/a - -	32 n/a	23 n/a	- - - -	- - - -	- - - -	n/a n/a											
Occupational Health & Safety B.C. Institute of Technology	FT	n/a	11 11	15 3	- -	- -	- -	13 2	n/a	14 7	12 9	- -	- -	- -	11 8	n/a	13 8	13 7	- -	- -	- -	12 7											

" n/a " Data not available (or not supplied).

" - " Data not appropriate or not applicable.

VI. HEALTH STANDARDS PROGRAMS
POST-BASIC LEVEL

HEALTH SCIENCE -- Master's

Workforce Category Trained: Public Health Officers
Requirement(s) for Practice: None

University of British Columbia

Credential Received: Master of Health Science (M.H.Sc.)
Prerequisites: M.D., D.V.M., D.D.S. or equivalent
Full-time/Part-time: Both full-time and part-time
Program Length: Twelve months
Entry Date(s): September
Graduation Date(s): May or November
Comments: None

OCCUPATIONAL HYGIENE -- Master's

Workforce Category Trained: Occupational Hygienists
Requirement(s) for Practice: Registration as a Registered Occupational Hygienist (R.O.H.) with the Canadian Board of Registered Occupational Hygienists -- not required for employment

University of British Columbia

Credential Received: Master of Science (M.Sc.)
Prerequisites: Bachelor's in Health Sciences, Physical Sciences, or Engineering
Full-time/Part-time: Both full-time and part-time
Program Length: Twenty months; includes four months clinical/practical experience
Entry Date(s): September
Graduation Date(s): May or November
Comments: None

HEALTH STANDARDS
POST-BASIC Level Health Programs in British Columbia
by Program and Institution

Program and Educational Institution:	FT / PT	1994/95										1995/96										1996/97															
		Applicants:		Enrolment (by year):								Graduates:		Applicants:		Enrolment (by year):								Graduates:		Applicants:		Enrolment (by year):								Graduates:	
				1st		2nd		3rd		4th						1st		2nd		3rd		4th						1st		2nd		3rd		4th			
		M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F		
Health Science -- Master's Univ. of British Columbia	FT	6	8	3	4	-	-	-	-	-	-	3	4	7	6	4	1	-	-	-	-	-	-	3	1	n/a	n/a	n/a	n/a	-	-	-	-	n/a	n/a		
	PT	4	3	4	3	2	2	2	4	2	0	3	3	3	4	2	2	0	0	2	2	2	4	6	2	n/a	n/a	n/a	n/a	-	-	-	-	n/a	n/a		
Occupational Hygiene -- Master's Univ. of British Columbia	FT			4	7	1	4	2	0	-	-	2	0			5	5	4	4	0	2	-	-	3	6			5	5	5	5	1	0	-	-	6	5
	PT	6	9	0	0	1	1	0	0	-	-	0	0	9	7	1	0	0	0	1	1	-	-	0	0	n/a	n/a	n/a	n/a	n/a	-	-	-	-	n/a	n/a	

" n/a " Data not available (or not supplied).

" - " Data not appropriate or not applicable.

VII. HUMAN SERVICES

BASIC LEVEL

COMMUNITY SUPPORT WORKER

Workforce Category Trained: Community Support Workers
Requirement(s) for Practice: None

Camosun College

Credential Received: Certificate

Prerequisites: Grade Twelve with English 12 or assessment; CPR/first aid training; eighty hours volunteer experience with persons with disabilities

Full-time/Part-time: Both full-time and part-time

Program Length: Ten months total full-time

Entry Date(s): September

Graduation Date(s): June

Campus Centre(s) Offered At: Lansdowne

Comments: Part-time studies are available to students who prefer not to take full-time studies, but there is no separate intake for part-time. The part-time students join full-time students in the regular program.

Capilano College

Comments: Capilano offers a Personal Care Attendant Working For People With Disabilities program which is similar to the Community Support Worker programs (please see the detailed listing later in this section).

Douglas College

Credential Received: Certificate

Prerequisites: Grade Twelve or mature student status with English 12; volunteer experience in the field; CPR/first aid training

Full-time/Part-time: Both full-time and part-time

Program Length: Forty-five weeks (1085 hours) total; includes thirty-three weeks (675 hours) lecture and twelve weeks (410 hours) clinical/practical experience

Entry Date(s): September (full-time); January and September (part-time)

Graduation Date(s): December

Campus Centre(s) Offered At: New Westminster

Comments: Students have a choice of exiting this program after three semesters with a Certificate, or continuing on and completing a fourth semester to receive a Diploma (please see the listing under Community Support in the Post-basic Human Services section). The maximum enrolment for the full-time offering is thirty students per intake, and there is no maximum for the part-time offering.

Kwantlen University College

Comments: There is a Community Support specialisation available as part of the Human Service Worker program offered by Kwantlen (please see the detailed listing under Human Service Worker located later in this section).

Malaspina University College

Credential Received: Certificate

Prerequisites: English 12 or equivalent

Full-time/Part-time: Part-time only

Program Length: 786 hours total; includes 546 hours lecture and 240 hours clinical/practical experience

Entry Date(s): September

Graduation Date(s): May

Campus Centre(s) Offered At: Nanaimo, Cowichan, Powell River, and Parksville/Qualicum

Comments: None

North Island College

Comments: There is a Community Support specialisation available as part of the Human Service Worker program offered by North Island (please see the detailed listing under Human Service Worker located later in this section).

Northern Lights College

Credential Received: Certificate

Prerequisites: Grade Twelve; CPR/first aid training

Full-time/Part-time: Full-time only

Program Length: Forty-two weeks total

Entry Date(s): September

Graduation Date(s): June

Campus Centre(s) Offered At: Dawson Creek

Comments: This program is only offered on demand. It was not offered during 1994 or 1995, and there are currently no plans to offer it in 1996.

Okanagan University College

Comments: There is a Community Support specialisation available as part of the Human Service Worker program offered by Okanagan (please see the detailed listing under Human Service Worker located later in this section).

... continued

Selkirk College

Comments: The Special Needs Career program offered by Selkirk College can also be considered a Community Support Worker program. Please see the detailed listing under Special Needs located later in this section.

University College of the Fraser Valley

Credential Received: Certificate
Prerequisites: Grade Twelve or equivalent
Full-time/Part-time: Both full-time and part-time
Campus Centre(s) Offered At: Chilliwack
Comments: Further information for this program was not supplied.

University College of the Cariboo

Comments: There is a Community Support specialisation available as part of the Human Service Worker program offered by Cariboo (please see the detailed listing under Human Service Worker located later in this section).

COUNSELLING SKILLS

Workforce Category Trained: Counsellors
Requirement(s) for Practice: None

Kwantlen University College

Credential Received: Citation
Full-time/Part-time: Part-time
Program Length: Seven courses total
Campus Centre(s) Offered At: Newton
Comments: This program is offered through continuing education, and is include in *PRODUCTION* for the first time this year. Further information for this program was not supplied.

DEVELOPMENTAL DISABILITIES

Workforce Category Trained: Social Service Workers interested in working with individuals with mental and/or physical disabilities
 Requirement(s) for Practice: None

College of New Caledonia

Credential Received: Certificate
 Prerequisites: Current employment in the field, or volunteer experience in the field and English 12, or parent or family member of a person with a disability
 Full-time/Part-time: Distance education
 Program Length: Eight out of eight courses are available through distance education (DE); students usually take two to five years to complete the program
 Entry Date(s): January and August
 Graduation Date(s): May and December
 Comments: The maximum enrolment in this program is 160 students per year, but the number of students per course varies.

EARLY CHILDHOOD EDUCATION -- Integrated Diploma
 (See also Post-basic listing)

Workforce Category Trained: Early Childhood Educators for children with special needs in group day-care centres or pre-school settings
 Requirement(s) for Practice: Registration as a Children with Special Needs Supervisor with the Community Care Facilities Licensing Board (C.C.F.L.B.) -- required for employment as a day-care supervisor

Douglas College

Credential Received: Diploma
 Prerequisites: Grade Twelve or mature student status; CPR/first aid training; volunteer experience in the field recommended; a three credit first year university transfer-level English course (required in September 1996)
 Full-time/Part-time: Full-time, and part-time (4th semester only)
 Program Length: Sixteen months total full-time; includes thirteen and a half months lecture and two and a half months clinical/practical experience
 Entry Date(s): September
 Graduation Date(s): June and January
 Campus Centre(s) Offered At: New Westminster
 Comments: There is one intake of thirty full-time students per year into this program. Students from other ECE programs can fill spaces (if available) in the fourth semester courses (post-basic courses). Eight students from the discontinued part-time ECE program will be ready to graduate with ECE Certificates in June 1996. Some of these certificate students will enrol in the fourth semester on a part-time basis in 1996.

Workforce Category Trained: Home Support Attendants, Home Support Workers
Requirement(s) for Practice: None

Camosun College

Credential Received: Certificate
Prerequisites: English assessment; current employment in the field; CPR/first aid training
Full-time/Part-time: Part-time only
Program Length: Forty-one weeks total; includes thirty-one weeks lecture and thirty-six weeks clinical/practical experience
Entry Date(s): September
Graduation Date(s): June
Campus Centre(s) Offered At: Lansdowne campus
Comments: None

Capilano College

Credential Received: Certificate
Prerequisites: Grade Ten; part-time employment or volunteer experience in the field
Full-time/Part-time: Part-time only
Program Length: Fifteen weeks total; includes nine weeks lecture and six weeks practical experience
Entry Date(s): September
Graduation Date(s): April
Campus Centre(s) Offered At: Sechelt
Comments: This program is a new offering and was offered on a one-time only basis in Sechelt. Funding was provided by a tri-partite group composed of Capilano College, Sunshine Coast Home Support and E.I.C. Future part-time programs could be offered on a cost-recovery basis.

Douglas College

Credential Received: Citation
Prerequisites: Grade Nine level reading and writing
Full-time/Part-time: Part-time only
Program Length: Two semesters total; includes 110 hours practical experience for students without current employment and 55 hours for students employed in the field
Entry Date(s): January and September
Graduation Date(s): April and December
Campus Centre(s) Offered At: New Westminster and Maple Ridge
Comments: Some courses in this program have transferability to other programs offered by the Child, Family & Community Studies department at Douglas.

Open Learning Agency

Credential Received: Certificate
Prerequisites: English 10 comprehension; current employment in the field or volunteer experience in the field; CPR/first aid training
Full-time/Part-time: Part-time only
Program Length: Thirty-two weeks total part-time
Entry Date(s): April
Graduation Date(s): December
Comments: This program is made available at the specific request of an employer.

HOME SUPPORT/RESIDENT CARE ATTENDANT

Workforce Category Trained: Resident Care Attendants, Home Support Attendants, Continuing Care Assistants, Long Term Care Aides
Requirement(s) for Practice: None

College of New Caledonia

Credential Received: Certificate
Prerequisites: Grade Ten reading level; volunteer experience in the field preferred
Full-time/Part-time: Both full-time and part-time
Program Length: Twenty-nine weeks (720 hours) total full-time; includes 360 hours lecture and 360 hours clinical/practical experience
Entry Date(s): September
Graduation Date(s): May
Campus Centre(s) Offered At: Prince George (on a regular basis), and regional campuses (on an irregular basis)
Comments: New Caledonia implemented the provincial curriculum in September 1995. The program increased in length and is now offered only once per year (September to May) with an intake of thirty-seven students. The regional campuses offer this program as the need arises. Only the data for the Prince George offerings are included in the table.

College of the Rockies (East Kootenay C.C.)

Credential Received: Certificate
Prerequisites: Grade Ten with Math 10, English 10, and Social Studies 10; fifteen hours volunteer experience in the field
Full-time/Part-time: Full-time only
Program Length: Twenty-four weeks total; includes twelve weeks lecture and twelve weeks clinical/practical experience
Entry Date(s): September
Graduation Date(s): March
Campus Centre(s) Offered At: Cranbrook and Creston
Comments: E.I.C. funds approximately two to three seats per intake.

Malaspina University College

Credential Received: Certificate
Prerequisites: English 10; CPR/first aid training; volunteer experience in the field preferred
Full-time/Part-time: Both full-time and part-time
Program Length: Twenty-four weeks total full-time; includes eleven weeks lecture and thirteen weeks clinical/practical experience
Entry Date(s): September and January
Graduation Date(s): February and June/July
Campus Centre(s) Offered At: Nanaimo, Parksville, Powell River, and Duncan
Comments: A base program (thirty-two to thirty-six students per intake) is usually offered twice per year in Nanaimo (September and January intakes). There is also usually one base program per year (ten students per intake) which alternates between Parksville and Powell River. Base and/or contract programs (usually ten students per intake) occur at the other campuses on a varying basis. There have been two contract offerings provided for First Nations students (October 1994 to March 1995 and April to November 1995). Combined Continuing Care and E.S.L. programs have also been offered in recent years.

North Island College

Credential Received: Certificate
Prerequisites: Grade Ten; English Placement test; CPR/first aid training; volunteer experience in the field preferred
Full-time/Part-time: Full-time only
Program Length: Twenty-two weeks total; includes twelve weeks lecture and ten weeks clinical/practical experience
Entry Date(s): January and September
Graduation Date(s): February and June
Campus Centre(s) Offered At: Port Alberni and Campbell River
Comments: There are two intakes per year offered at each of the two campuses.

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Northwest Community College

Credential Received: Certificate

Prerequisites: Grade Ten

Full-time/Part-time: Full-time only

Program Length: Six months total; includes three months lecture and three months clinical/practical experience

Entry Date(s): January (and November)

Graduation Date(s): July (and April)

Campus Centre(s) Offered At: Terrace, Prince Rupert, and Smithers

Comments: This program used to be offered twice per year, once at each of two different campuses. In 1995/96 and 1996/97 only one offering per year is planned.

Okanagan University College

Credential Received: Certificate

Prerequisites: Grade Ten; reading comprehension test; CPR/first aid training

Full-time/Part-time: Both full-time and part-time

Program Length: 660 hours total; includes 325 hours lecture and 335 hours clinical/practical experience

Entry Date(s): February and September usually

Graduation Date(s): February and June usually

Campus Centre(s) Offered At: Kelowna, Penticton, Salmon Arm, and Vernon

Comments: This program is offered twice per year in Kelowna (September to February and February to June), once per year in the North (Vernon or Salmon Arm), and once per year in the South (Penticton).

Selkirk College

Credential Received: Certificate

Prerequisites: Grade Ten with English 10, Math 10, Science 10, and Social Studies 10; CPR/first aid training

Full-time/Part-time: Full-time only

Program Length: Twenty-four weeks total; includes 318 hours lecture and 330 hours clinical/practical experience

Entry Date(s): September and November

Graduation Date(s): February/March and May

Campus Centre(s) Offered At: Castlegar and Grand Forks

Comments: This program is offered once per year in Castlegar, and usually once every second year in Grand Forks. The class size is usually eighteen students per intake in Castlegar, and sixteen per intake in Grand Forks. E.I.C. funds approximately two to four seats per intake.

University College of the Cariboo

Credential Received: Certificate

Prerequisites: Grade Ten; CAT Level 17; CPR/first aid training; tour of a Long Term Care Facility

Full-time/Part-time: Full-time only

Program Length: Twenty weeks total

Entry Date(s): August and January

Graduation Date(s): January and June

Campus Centre(s) Offered At: Kamloops, Williams Lake, Ashcroft, Lillooet, and 100 Mile House

Comments: Entrant and graduation months vary in the outlying areas.

HUMAN SERVICE WORKER

Workforce Category Trained: Human Service Workers, for both
community support and social services positions
Requirement(s) for Practice: None

College of the Rockies (East Kootenay CC)

Credential Received: Certificate
Prerequisites: Grade Twelve with English 12;
CPR/first aid training recommended; volunteer
experience in the field (current employment in
the field for part-time program)
Full-time/Part-time: Both full-time and part-time
Program Length: 1110 hours total; includes 750
hours lecture and 360 hours clinical/practical
experience
Entry Date(s): September
Graduation Date(s): June
Campus Centre(s) Offered At: Cranbrook, Creston
and Invermere
Comments: In Cranbrook, this program is offered on
a full-time basis, and beginning in 1996/97 will
also be offered on a part-time basis (over two
years). In Invermere and Creston, the program is
offered one course at a time. E.I.C. funds
approximately three seats per intake.

Kwantlen University College

Credential Received: Certificate
Prerequisites: L.P.I. Assessment; first aid training;
volunteer experience in the field
Full-time/Part-time: Both full-time and part-time
Program Length: Ten months total full-time;
includes seven and a half to eight months lecture
and two to two and a half months
clinical/practical experience
Entry Date(s): September
Graduation Date(s): June
Campus Centre(s) Offered At: Surrey
Comments: This is the first time this program has
been include in *PRODUCTION*. This program
offers a choice of two specialisations: Community
Support (CS), or Community Mental Health
(CMH). The maximum enrolment for CS is
thirty-five to forty students and for CMH is
twenty to twenty-five students.

North Island College

Credential Received: Certificate
Prerequisites: Grade Twelve with English 12 (or
assessment test); volunteer experience in the field
Full-time/Part-time: Full-time only
Program Length: Thirty-eight weeks total; includes
twenty-six weeks lecture and twelve weeks
clinical/practical experience
Entry Date(s): September (Comox Valley)
Graduation Date(s): June (Comox Valley)
Campus Centre(s) Offered At: Comox Valley
(regular program); Port Alberni and Alert Bay
(contract programs)
Comments: This program offers a choice of three
specialisations: Community Support (CS), Social
Services (SS), or Substance Abuse (SA). The SA
specialisation has been offered once, and will
only be offered again if there is sufficient
demand. Base-funded full-time offerings of the
other two specialisations occur at Comox Valley
once per year with an intake of twelve students in
each of the specialisations. Contract offerings of
the SS and CS specialisations occur in Alert Bay
and Port Alberni on a varying basis. The CS
specialisation is offered part-time in Port Alberni
for both generic students and people currently
working in the field, and in Comox Valley for
only people currently working in a related field.
The Comox Valley part-time CS offering is
partially sponsored through School District #71.

Okanagan University College

Credential Received: Certificate
Prerequisites: Grade Twelve or equivalent with
English 12; CPR/first aid training
Full-time/Part-time: Both full-time and part-time
Program Length: Ten months total; includes six
months lecture and four months clinical/practical
experience
Entry Date(s): September
Graduation Date(s): June
Campus Centre(s) Offered At: KLO -- Kelowna
Comments: This program offers a choice of two
specialisations: Social Service/Mental Health and
Community Support. The maximum enrolment
in each specialisation is eighteen students, and
E.I.C. usually funds six seats per specialisation.

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Trinity Western University

Credential Received: Baccalaureate in Psychology or
Social Sciences with a Certificate in Human
Services

Prerequisites: One year in the B.A. program

Full-time/Part-time: Both full-time and part-time

Program Length: 122 semester hours total full-time
includes 60 semester hours lecture and 312 hours
clinical/practicum

Entry Date(s): September

Graduation Date(s): April

Comments: Students may choose to take this
program as part of their Bachelor of Arts degree
in either Psychology or Social Sciences. After
completing their first year of studies including
specified courses, interested students may apply
for entry to this program. The required courses
(60 Semester hours) and practica (312 hours) for
this program make up approximately half of the
course requirements for the B.A. (122 semester
hours).

University College of the Cariboo

Credential Received: Certificate

Comments: This program offers a choice of three
specialisations: Social Services (SS), Community
Support (CS), and Corrections Worker (not
surveyed). No further information for this
program was supplied.

INSTITUTIONAL AIDE

Workforce Category Trained: Kitchen Aides, Laundry Assistants,
Housekeeping Aides

Requirement(s) for Practice: None

Vancouver Community College

Credential Received: Certificate

Prerequisites: Basic reading, writing, and arithmetic skills; must
have completed Lower Intermediate Level English if E.S.L.

Full-time/Part-time: Full-time only

Program Length: Fourteen weeks; of which sixty percent is lecture
and forty percent is clinical/practical experience

Entry Date(s): September, January and April

Graduation Date(s): September, January and April

Campus Centre(s) Offered At: King Edward campus

Comments: Students will graduate with a "Food Safe Certificate"
and a St. John's Ambulance "Emergency First Aid Certificate",
as well as W.H.M.I.S. Training. The Ministry of Social
Services funds approximately two seats per intake. No
enrolment or graduation data were supplied.

INSTITUTIONAL AIDE -- E.S.L.

Workforce Category Trained: Kitchen Aides, Laundry Assistants,
Housekeeping Aides
Requirement(s) for Practice: None

Vancouver Community College

Credential Received: Certificate
Prerequisites: Basic reading, writing and arithmetic skills;
completion of Pre-intermediate Level English
Full-time/Part-time: Full-time only
Program Length: Twenty-one weeks; of which sixty percent is
lecture and forty percent is clinical/practical experience
Entry Date(s): March and October
Graduation Date(s): August and March
Campus Centre(s) Offered At: King Edward campus
Comments: Students will graduate with a "Food Safe Certificate"
and a St. John's Ambulance "Emergency First Aid Certificate",
as well as W.H.M.I.S. Training. No enrolment or graduation
data were supplied.



PERSONAL CARE ATTENDANT WORKING FOR PEOPLE WITH DISABILITIES

Workforce Category Trained: Personal Care Attendants, Community
Support Workers
Requirement(s) for Practice: None

Capilano College

Credential Received: Certificate
Prerequisites: Grade Twelve preferred; English 12; CPR/first aid
training; volunteer experience in the field useful; strong desire
to work with people with disabilities
Full-time/Part-time: Both full-time and part-time
Program Length: Eight months total, fifty percent of which is
clinical/practical experience
Entry Date(s): September
Graduation Date(s): April
Campus Centre(s) Offered At: North Vancouver
Comments: This program is now offered on both a full-time and a
part-time basis. The first three courses are cored with the
Resident Care Attendant and Home Support Attendant
programs. E.I.C. did not fund any seats this year.

Workforce Category Trained: Resident Care Attendants
Requirement(s) for Practice: None

Camosun College

Credential Received: Certificate
Prerequisites: English Assessment by College;
CPR/first aid training; volunteer experience in the field
Full-time/Part-time: Full-time only
Program Length: Twenty weeks total; includes eleven weeks lecture and nine weeks clinical/practical experience
Entry Date(s): February and September
Graduation Date(s): January and June
Campus Centre(s) Offered At: Lansdowne campus
Comments: The number of students sponsored by E.I.C. varies.

Capilano College

Credential Received: Certificate
Prerequisites: Grade Ten; CPR/first aid training; volunteer experience in the field
Full-time/Part-time: Full-time only
Program Length: Twenty weeks total; includes ten weeks lecture and ten weeks clinical/practical experience
Entry Date(s): January and August
Graduation Date(s): January and June
Campus Centre(s) Offered At: North Vancouver, Sechelt and Squamish
Comments: The recent Regionalization and reduced funding to Health Agencies have affected the job opportunities in the area. Reduced U.I. funding and purchased E.I.C. seats (varies from zero to six or more) have resulted in qualified applicants being unable to accept places in the program.

Douglas College

Credential Received: Citation
Prerequisites: Stanford Diagnostic Test -- Grade 10 level; CPR/first aid training
Full-time/Part-time: Full-time only
Program Length: Twenty weeks total; includes 294 hours lecture and 304 hours clinical/practical experience
Entry Date(s): January and September
Graduation Date(s): January and May
Campus Centre(s) Offered At: New Westminster
Comments: E.I.C. funds approximately two seats per intake. The maximum enrolment may increase from twenty to thirty-six students per intake in September 1996.

Kwantlen College

Credential Received: Citation
Prerequisites: Reading comprehension test; CPR/first aid training
Full-time/Part-time: Full-time only
Program Length: Nineteen weeks total; includes nine weeks lecture and ten weeks clinical/practical experience
Entry Date(s): January and August
Graduation Date(s): January and May
Campus Centre(s) Offered At: Surrey
Comments: This program is offered twice per year on a regular basis. E.I.C. usually funds ten to fifteen seats per intake. The Surrey Delta Immigrant Services Society (SDISS) also funds one to two offerings per year of a seven month long RCA - ESL program for immigrant women only. The SDISS funded one program in 1994, and one program in 1995. Future offerings by SDISS are dependent on availability of funding.

Northern Lights College

Credential Received: Certificate
Prerequisites: Grade Ten; CPR/first aid training
Full-time/Part-time: Full-time only
Program Length: Eighteen weeks total
Entry Date(s): January
Graduation Date(s): May
Campus Centre(s) Offered At: Dawson Creek
Comments: None

University College of the Fraser Valley

Credential Received: Certificate
Prerequisites: Grade Eleven with English 11 (GED or CPT with minimum score of forty-eight also accepted); volunteer or work experience in the field
Full-time/Part-time: Full-time only
Program Length: Twenty weeks total
Entry Date(s): January and July
Graduation Date(s): May and December
Campus Centre(s) Offered At: Chilliwack
Comments: No further information for this program was supplied.

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RESIDENT CARE ATTENDANT -- continued**Vancouver Community College**

Credential Received: Certificate
 Prerequisites: Grade Ten
 Full-time/Part-time: Full-time only
 Program Length: Twenty-three weeks total; includes
 twelve weeks lecture and eleven weeks
 clinical/practical experience
 Entry Date(s): February and September
 Graduation Date(s): February and July
 Campus Centre(s) Offered At: City Centre
 Comments: None

West Coast College of Health Care

Credential Received: Certificate (Health Care Aide)
 Prerequisites: Grade Twelve with Biology 11 and
 English 12; good communication and
 interpersonal skills
 Full-time/Part-time: Full-time only
 Program Length: Twenty-four weeks total; includes
 fifteen weeks lecture and nine weeks clinical/
 practical experience
 Entry Date(s): March and September
 Graduation Date(s): March/April and September
 Campus Centre(s) Offered At: Surrey
 Comments: This program includes two practica: four
 weeks in a medium-care facility and five weeks
 in a long term care facility. E.I.C. may purchase
 seats on an individual basis.

RESIDENT CARE ATTENDANT -- E.S.L.

Workforce Category Trained: Resident Care Attendants
 Requirement(s) for Practice: None

Vancouver Community College

Credential Received: Certificate
 Prerequisites: Grade Ten; Upper Intermediate Level English
 Full-time/Part-time: Full-time only
 Program Length: Thirty-eight weeks total; includes twelve weeks
 full-time and thirteen weeks part-time clinical/practical
 experience
 Entry Date(s): January and October
 Graduation Date(s): September
 Campus Centre(s) Offered At: City Centre
 Comments: This program was first offered in January 1994.

Workforce Category Trained: Sign Language Interpreters
 Requirement(s) for Practice: Certification and registration are available, after a period of work experience and testing, from the Association of Visual Language Interpreters -- not required for employment

Douglas College

Credential Received: Diploma
 Prerequisites: Grade Twelve with English 12; college or university level English and Linguistics courses; fluent in ASL; age nineteen minimum; suggest completion of Vancouver Community College -- King Edward ASL Studies program
 Full-time/Part-time: Both full-time and part-time
 Program Length: Two years total full-time; three to four years part-time
 Entry Date(s): September
 Graduation Date(s): June
 Campus Centre(s) Offered At: New Westminster
 Comments: This program became available on a limited part-time basis in 1994/95.

SOCIAL SERVICE WORKER

Workforce Category Trained: Social Service Workers
 Requirement(s) for Practice: None

College of New Caledonia

Credential Received: Certificate
 Prerequisites: Grade Twelve with English 12; volunteer experience in the field; references
 Full-time/Part-time: Both full-time and part-time
 Program Length: Thirty-five weeks total full-time; includes twenty-seven weeks lecture and eight weeks clinical/practical experience
 Entry Date(s): September
 Graduation Date(s): June
 Campus Centre(s) Offered At: Prince George
 Comments: Students in this program have the option of exiting after one year with a Certificate specialising in either Child, Youth & Family Support (CYFS) or Special Education Assistant (SEA). They also have the option of continuing on and completing a second year to exit with a Diploma in CYFS (please see the listing under Social Services in the Post-basic Human Services section). The college may only offer the SEA specialisation every second year in the future if the enrolment numbers remain low.

Douglas College

Credential Received: Certificate
 Prerequisites: Volunteer experience in the field; minimum age of nineteen
 Full-time/Part-time: Both full-time and part-time
 Program Length: Twelve months total full-time; includes nine months lecture and eighty-four days clinical/practical experience
 Entry Date(s): September
 Graduation Date(s): December/January
 Campus Centre(s) Offered At: New Westminster
 Comments: Students have a choice of exiting this program after three semesters with a Certificate, or continuing on and completing a fourth semester to receive a Diploma (please see the listing under Social Services in the Post-basic Human Services section). The maximum full-time enrolment is twenty-five students, and the maximum part-time enrolment is ten students. The number of seats funded by E.I.C. varies.

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Langara College

Credential Received: Certificate

Comments: No further information for this program was supplied.

Malaspina University College

Credential Received: Certificate

Prerequisites: Grade Twelve with Math 11 and English 12 or equivalent; either current employment or volunteer experience in the field

Full-time/Part-time: Both full-time and part-time

Program Length: Nine months total full-time; includes seven and a half months lecture and one and a half months clinical/practical experience

Entry Date(s): September, or January (part-time)

Graduation Date(s): June

Campus Centre(s) Offered At: Nanaimo and Duncan (two courses)

Comments: The part-time enrolment is expected to increase.

North Island College

Comments: There is a Social Services specialisation available as part of the Human Service Worker program offered by North Island (please see the detailed listing under Human Service Worker located earlier in this section).

Northern Lights College

Credential Received: Diploma

Prerequisites: Grade Twelve or G.E.D; English placement test is required

Full-time/Part-time: Both full-time and part-time

Program Length: Eighty weeks total full-time; includes sixty-four weeks lecture and sixteen weeks clinical/practical experience

Entry Date(s): September

Graduation Date(s): June

Campus Centre(s) Offered At: Dawson Creek and Fort St. John

Comments: The maximum enrolment is sixty full-time students and fifty part-time students.

Northwest Community College

Credential Received: Certificate

Prerequisites: Grade Twelve with English 12 or Provincial English 056; volunteer experience in the field

Full-time/Part-time: Both full-time and part-time

Program Length: Ten months total full-time; includes eight months lecture and two months clinical/practical experience

Entry Date(s): September

Graduation Date(s): June

Campus Centre(s) Offered At: Terrace

Comments: None

Okanagan University College

Comments: There is a Social Services specialisation available as part of the Human Service Worker program offered by Okanagan (please see the detailed listing under Human Service Worker located earlier in this section).

Open Learning Agency

Credential Received: Certificate

Prerequisites: Grade Ten; English 106 and Psychology 102; volunteer experience in the field

Full-time/Part-time: Distance education

Program Length: Ten out of ten courses are available through distance education (DE); students usually take from fifteen months to two or more years to complete the program

Entry Date(s): Continuous

Graduation Date(s): Continuous

Comments: There are no restrictions on the number of students admitted to the program.

Selkirk College

Credential Received: Certificate

Prerequisites: Grade Twelve with English 12; sixty hours volunteer experience in the field

Full-time/Part-time: Both full-time and part-time

Program Length: 1133.5 hours total; includes 818 hours lecture and 315.5 hours clinical/practical experience

Entry Date(s): September

Graduation Date(s): June

Campus Centre(s) Offered At: Castlegar

Comments: The maximum enrolment is twenty-four FTEs. Selkirk also had nineteen additional University Transfer students taking one SSW course this year.

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University College of the Cariboo

Comments: There is a Social Services specialisation available as part of the Human Service Worker program offered by Cariboo (please see the detailed listing under Human Service Worker located earlier in this section).

University College of the Fraser Valley

Credential Received: Diploma
Prerequisites: Grade Twelve; volunteer or work experience in the field
Full-time/Part-time: Both full-time and part-time
Program Length: Two academic years total
Entry Date(s): September
Graduation Date(s): May
Campus Centre(s) Offered At: Abbotsford and Chilliwack
Comments: No further information was supplied.

SOCIAL WORK -- Baccalaureate

Workforce Category Trained: Social Workers
Requirement(s) for Practice: Registration as a Registered Social Worker (R.S.W.) with the B.C. Association of Social Workers -- not required for employment

Okanagan University College

Credential Received: Bachelor of Social Work (B.S.W.)
Prerequisites: Two years college or university with Social Work 200A and 200B courses, and a Human Development Across the Lifespan course; volunteer experience in the field
Full-time/Part-time: Both full-time and part-time
Program Length: Sixty-four weeks total; includes forty-three weeks lecture and twenty-one weeks clinical/practical experience
Entry Date(s): September
Graduation Date(s): May
Campus Centre(s) Offered At: K.L.O. -- Kelowna and North Kelowna campuses
Comments: None

University College of the Cariboo

Credential Received: Bachelor of Social Work (B.S.W.)
Prerequisites: Two years college or university; volunteer experience in the field
Full-time/Part-time: Both full-time and part-time
Program Length: Twenty-four months total full-time, of which sixty-five percent is lecture and thirty-five percent is clinical/practical experience
Entry Date(s): September
Graduation Date(s): June
Campus Centre(s) Offered At: Kamloops
Comments: The maximum enrolment in this program is thirty FTEs.

University College of the Fraser Valley

Credential Received: Bachelor of Social Work (B.S.W.)
Prerequisites: Social Services Diploma, or two years in college/university level Arts and Sciences; two years volunteer or work experience in the field
Full-time/Part-time: Both full-time and part-time
Program Length: Two academic years total full-time
Comments: This is a new program (1995/96) and is offered in collaboration with Open University. No further information was supplied.

University of British Columbia

Credential Received: Bachelor of Social Work (B.S.W.)
Prerequisites: Two years (minimum twenty-four credits) college or university with courses in Social Sciences and Humanities, and Statistics; volunteer experience in the field
Full-time/Part-time: Both full-time and part-time
Program Length: Two academic years total full-time; includes 312 hours lecture and 364 hours clinical/practical experience
Entry Date(s): September
Graduation Date(s): May and November
Comments: None

... continued

University of Northern British Columbia

Credential Received: Bachelor of Social Work (B.S.W.)

Prerequisites: Two year college or university; volunteer experience in the field

Full-time/Part-time: Both full-time and part-time

Program Length: Two years total full-time, of which sixty-five percent is lecture and thirty-five percent is clinical/practical experience

Entry Date(s): September

Graduation Date(s): April/May

Campus Centre(s) Offered At: Prince George and Quesnel

Comments: This is a new program, with the first students beginning in September 1995. The maximum enrolment is currently twenty-five full-time students and fifteen part-time students. They expect the total maximum enrolment to be thirty students next year. This program is also available this year at the Quesnel campus (some video teleconferencing takes place).

University of Victoria (regular program)

Credential Received: Bachelor of Social Work (B.S.W.)

Prerequisites: Two years college or university with Social Work 200A and 200B; volunteer experience in the field

Full-time/Part-time: Full-time, part-time, and distance education

Program Length: Two academic years full-time; eleven out of thirteen courses are available through distance education (DE) and students usually take three and a half years to complete the program through DE

Entry Date(s): May or September

Graduation Date(s): May or November

Campus Centre(s) Offered At: University of Victoria and via distance education

Comments: Distance education and part-time students take a mix of third and fourth year courses, depending on availability, so it is not possible to clearly separate them into third and fourth year groups. The enrolment may increase to sixty full-time and sixty part-time students in 1996/97, along with up to 120 distance education students.

University of Victoria (First Nations programs)

Credential Received: Bachelor of Social Work (B.S.W.)

Prerequisites: Grade Twelve with Math 11; one year college or university; volunteer experience in the field

Full-time/Part-time: Both full-time and part-time

Program Length: Three academic years full-time

Entry Date(s): September

Graduation Date(s): May or November

Campus Centre(s) Offered At: Nicola Valley Institute of Technology (N.V.I.T.) in Merritt and Northwest Band Association (N.W.B.A.) in Terrace

Comments: Students in this program take second year, third year and fourth year courses concurrently, and not all of the courses taken are necessarily University of Victoria B.S.W. courses. It is therefore difficult to provide enrolment numbers by year or full-time versus part-time status. There is currently a total of fifty-one students enrolled at N.V.I.T., and a total of nine part-time students with the N.W.B.A.

Workforce Category Trained: Providers of care for mentally
handicapped children and adults
Requirement(s) for Practice: None

Okanagan University College

Credential Received: Certificate
Prerequisites: Grade Ten; CPR/first aid training
Full-time/Part-time: Part-time only
Program Length: 378 hours total; includes 258 hours
lecture and 120 hours clinical/practical
experience
Entry Date(s): September
Graduation Date(s): April
Campus Centre(s) Offered At: Armstrong, Kelowna,
Oliver, Penticton, Revelstoke, and Salmon Arm
Comments: This program is offered through
continuing education, and can be taken at either
the basic (pre-employment) or post-basic
(additional training) level.

Selkirk College

Credential Received: Certificate (Special Needs
Career Program; or ECE or SSW Special Needs
Option)
Prerequisites: Grade Twelve with English 12;
CPR/first aid training; sixty hours volunteer
experience in the field; completion of a previous
program in Early Childhood Education or Social
Services (for post-basic level option only)
Full-time/Part-time: Both full-time and part-time
Program Length: 1096 hours total; includes 736
hours lecture and 360 hours clinical/practical
experience
Entry Date(s): September
Graduation Date(s): June
Campus Centre(s) Offered At: Castlegar
Comments: This program is available as a basic level
Certificate program in Special Needs/Community
Support or as a post-basic option to the Social
Service Worker (SSW) Certificate or the Early
Childhood Education (ECE) Certificate. The
maximum enrolment is twenty-four FTEs for the
program as a whole, and there continues to be a
high demand for part-time attendance. This
program will serve as a pre-requisite for the
Human Services Diploma program that is
scheduled to begin in September 1996 at Selkirk.
E.I.C. funds approximately four to five seats per
intake.

SUBSTANCE ABUSE COUNSELLING (COMMUNITY RESOURCE WORKER)

Workforce Category Trained: Addictions Workers, Substance Abuse
Counsellors, Alcohol/Drug Workers, Youth Workers, Community
Resource Workers
Requirement(s) for Practice: None

North Island College

Credential Received: Certificate

Comments: There is a Substance Abuse specialisation available (on demand only) as part of the Human Service Worker program offered by North Island. Please see the detailed listing under Human Service Worker located earlier in this section.

Northwest Community College

Credential Received: Diploma (Community Resource Worker)

Prerequisites: Grade Twelve with English 12, or ABE English 045

Full-time/Part-time: Both full-time and part-time

Program Length: Twenty months total full-time; includes seventeen months lecture and three months clinical/practical experience

Entry Date(s): September

Graduation Date(s): June

Campus Centre(s) Offered At: Smithers as of September 1995

Comments: This program has switched from the former eighteen month Certificate program (Addiction Resource Worker) to a twenty month Diploma program this year (1995/96). Students have a choice of three specialisations: Mental Health, Addictions, or Youth. E.I.C. funds approximately three to four seats per intake.

University College of the Fraser Valley

Credential Received: Diploma in Substance Abuse Counselling

Prerequisites: Grade Twelve; volunteer or work experience in the field recommended

Full-time/Part-time: Both full-time and part-time

Program Length: Two academic years total full-time

Entry Date(s): September

Graduation Date(s): June

Campus Centre(s) Offered At: Abbotsford

Comments: In 1994/95 the second year of this program was not offered. No further information for this program was supplied.

HUMAN SERVICES
BASIC Level Health Programs in British Columbia
by Program and Institution

Program and Educational Institution:	FT / PT	1994/95								1995/96								1996/97										
		Applicants:		Enrolment (by year):								Graduates:		Applicants:		Enrolment (by year):								Graduates:				
		M	F	1st	2nd	3rd	4th	Graduates:	M	F	1st	2nd	3rd	4th	Graduates:	M	F	1st	2nd	3rd	4th	Graduates:						
				M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
Community Support Worker																												
Camosun College	B	n/a	4 26	-	-	-	-	-	-	4 21	n/a	4 24	-	-	-	-	4 22	n/a	4 24	-	-	-	-	-	-	4 24	-	-
Douglas College ¹	FT	n/a	n/a	-	-	-	-	-	-	n/a	9 75	0 30	-	-	-	-	1 23	n/a	n/a	-	-	-	-	-	-	n/a	-	-
	PT	n/a	n/a	-	-	-	-	-	-	n/a		3 13	-	-	-	-	0 4	n/a	n/a	-	-	-	-	-	-	n/a	-	-
Malaspina University College	PT	n/a	4 15	-	-	-	-	-	-	3 15	n/a	5 17	-	-	-	-	3 15	n/a	7 15	-	-	-	-	-	-	3 15	-	-
Univ. College of the Fraser Valley	B	n/a	n/a	-	-	-	-	-	-	n/a	n/a	n/a	-	-	-	-	n/a	n/a	n/a	-	-	-	-	-	-	n/a	-	-
Developmental Disabilities																												
College of New Caledonia	DE	n/a	n/a	-	-	-	-	-	-	0 19	n/a	109	-	-	-	-	0 20	n/a	n/a	-	-	-	-	-	-	20	-	-
Early Childhood Education																												
-- Integrated Diploma																												
Douglas College ²	FT	n/a	0 30	0 30	-	-	-	-	-	0 30	n/a	0 29	0 29	-	-	-	0 29	n/a	0 30	0 30	-	-	-	-	-	0 30	-	-
	PT	n/a	-	-	0 2	-	-	-	-	n/a	n/a	-	-	n/a	-	-	0 8	n/a	-	-	0 5	-	-	-	-	0 5	-	-
Home Support Attendant																												
Camosun College	PT	n/a	0 33	-	-	-	-	-	-	0 28	n/a	4 24	-	-	-	-	4 24	n/a	n/a	-	-	-	-	-	-	n/a	-	-
Capilano College	PT	0 16	0 16	-	-	-	-	-	-	0 16	0 0	0 0	-	-	-	-	0 0	0 0	0 0	-	-	-	-	-	-	0 0	-	-
Douglas College	PT	n/a	n/a	-	-	-	-	-	-	2 36	n/a	n/a	-	-	-	-	51	n/a	60	-	-	-	-	-	-	58	-	-
Open Learning Agency ³	PT	n/a	0 0	-	-	-	-	-	-	0 8	n/a	1 20	-	-	-	-	0 0	n/a	2 30	-	-	-	-	-	-	0 10	-	-
Home Support/Resident Care Atten.																												
College of New Caledonia ⁴	B	n/a	1 39	-	-	-	-	-	-	1 35	n/a	2 31	-	-	-	-	n/a	n/a	37	-	-	-	-	-	-	n/a	-	-
College of the Rockies (EKCC) ⁵	FT	2 14	2 14	-	-	-	-	-	-	2 12	0 16	0 16	-	-	-	-	0 13	2 14	2 14	-	-	-	-	-	-	2 14	-	-
Malaspina University College ⁶	FT	n/a	76	-	-	-	-	-	-	n/a	n/a	104	-	-	-	-	111	n/a	78	-	-	-	-	-	-	n/a	-	-
North Island College ⁷	FT	14 88	12 80	-	-	-	-	-	-	9 72	6 45	4 40	-	-	-	-	2 76	5 80	80	-	-	-	-	-	-	4 74	-	-
Northwest Community College	FT	0 43	0 43	-	-	-	-	-	-	0 41	0 24	0 24	-	-	-	-	0 24	2 22	2 22	-	-	-	-	-	-	2 22	-	-
Okanagan University College ⁶	FT	n/a	9 31	-	-	-	-	-	-	9 47	n/a	n/a	-	-	-	-	0 17	n/a	n/a	-	-	-	-	-	-	n/a	-	-

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HUMAN SERVICES
BASIC Level Health Programs in British Columbia
by Program and Institution

Program and Educational Institution:	FT / PT	1994/95										1995/96										1996/97															
		Applicants:		Enrolment (by year):								Graduates:		Applicants:		Enrolment (by year):								Graduates:		Applicants:		Enrolment (by year):								Graduates:	
				1st	2nd	3rd	4th	1st	2nd	3rd	4th					1st	2nd	3rd	4th	1st	2nd	3rd	4th														
		M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F		
Home Sup./Resid. Care A. (continued)																																					
Selkirk College	FT	45		5	13	-	-	-	-	-	-	4	14	62	2	32	-	-	-	-	-	-	2	35	35	2	16	-	-	-	-	-	-	2	16		
Univ. College of the Cariboo (Kamloops Campus) ⁸	FT	n/a		6	49	-	-	-	-	-	-	4	43	n/a	7	48	-	-	-	-	-	-	7	44	n/a	10	46	-	-	-	-	-	-	10	46		
(Regional Campuses)	FT	n/a		2	42	-	-	-	-	-	-	1	39	n/a	n/a	-	-	-	-	-	-	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	n/a				
Human Service Worker																																					
College of the Rockies (EKCC) ⁵	FT	n/a		2	16	-	-	-	-	-	-	2	13	3	34	1	17	-	-	-	-	-	n/a	35-40	18	-	-	-	-	-	-	-	n/a				
	PT					*								*										24	-	-	-	-	-	-	-	-	n/a				
Kwantlen University College																																					
- Community Mental Health	FT	n/a		n/a	-	-	-	-	-	-	-	n/a	n/a	1	4	-	-	-	-	-	-	-	1	4	n/a	n/a	-	-	-	-	-	-	-	n/a			
	PT	n/a		n/a	-	-	-	-	-	-	-	n/a	n/a	3	5	-	-	-	-	-	-	-	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	n/a			
- Community Support	FT	n/a		n/a	-	-	-	-	-	-	-	1	15	n/a	2	23	-	-	-	-	-	-	2	23	n/a	n/a	-	-	-	-	-	-	-	n/a			
	PT	n/a		n/a	-	-	-	-	-	-	-	2	0	n/a	1	7	-	-	-	-	-	-	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	n/a			
North Island College																																					
- Community Support	FT	6	25	4	16	-	-	-	-	-	-	2	14	2	30	0	14	-	-	-	-	-	2	12	30	2	12	-	-	-	-	-	-	2	12		
	PT	n/a		n/a	-	-	-	-	-	-	-	n/a	n/a	2	28	-	-	-	-	-	-	-	n/a	n/a	2	52	-	-	-	-	-	-	-	n/a			
- Social Service	FT	10	80	2	26	-	-	-	-	-	-	1	24	8	70	2	11	-	-	-	-	-	1	11	60	2	10	-	-	-	-	-	-	1	11		
- Substance Abuse	FT	n/a		3	14	-	-	-	-	-	-	2	14	0	0	0	0	-	-	-	-	-	0	0	n/a	n/a	-	-	-	-	-	-	-	n/a			
Okanagan University College																																					
- Community Support	B	91		4	16	-	-	-	-	-	-	2	13	66	3	16	-	-	-	-	-	-	n/a	n/a	2	16	-	-	-	-	-	-	-	n/a			
- Social Service	B	224		3	16	-	-	-	-	-	-	3	14	196	2	19	-	-	-	-	-	-	n/a	n/a	1	17	-	-	-	-	-	-	-	n/a			
Trinity Western University	B	n/a		2	16	-	-	-	-	-	-	2	12	n/a	3	16	-	-	-	-	-	-	1	14	n/a	4	16	-	-	-	-	-	-	2	13		
Univ. College of the Cariboo																																					
- Community Support	B	n/a		n/a	-	-	-	-	-	-	-	n/a	n/a	n/a	-	-	-	-	-	-	-	-	n/a	n/a	n/a	-	-	-	-	-	-	-	-	n/a			
- Social Service	FT	n/a		n/a	-	-	-	-	-	-	-	n/a	n/a	n/a	-	-	-	-	-	-	-	-	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	n/a			
Personal Care Attendant Working for People with Disabilities																																					
Capilano College	B	7	9	7	9	-	-	-	-	-	-	7	9	1	11	1	11	-	-	-	-	-	n/a	n/a	n/a	-	-	-	-	-	-	-	-	n/a			

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HUMAN SERVICES
BASIC Level Health Programs in British Columbia
by Program and Institution

Program and Educational Institution:	FT / PT	1994/95							1995/96							1996/97						
		Applicants: M F	Enrolment (by year):				Graduates: M F		Applicants: M F	Enrolment (by year):				Graduates: M F		Applicants: M F	Enrolment (by year):				Graduates: M F	
			1st M F	2nd M F	3rd M F	4th M F				1st M F	2nd M F	3rd M F	4th M F				1st M F	2nd M F	3rd M F	4th M F		
Resident Care Attendant																						
Camosun College	FT	32 97	32 97	- -	- -	- -	21 79		127	127	- -	- -	- -	n/a		n/a	n/a	- -	- -	- -	- -	n/a
Capilano College ⁹	FT	n/a	4 56	- -	- -	- -	4 56		n/a	6 34	- -	- -	- -	6 34		n/a	4 36	- -	- -	- -	- -	4 36
Douglas College	FT	n/a	7 32	- -	- -	- -	3 34		n/a	40	- -	- -	- -	5 32		n/a	72	- -	- -	- -	- -	72
Kwantlen College																						
Regular Program ^{8,10}	FT	4 118	5 55	- -	- -	- -	4 50		8 146	2 28	- -	- -	- -	2 28		n/a	27	- -	- -	- -	- -	n/a
SDISS Program	FT	200+	0 20	- -	- -	- -	0 19		200+	n/a	- -	- -	- -	0 19		n/a	n/a	- -	- -	- -	- -	n/a
Northern Lights College	FT	0 15	0 15	- -	- -	- -	0 15		5 20	5 20	- -	- -	- -	5 20		5 20	5 20	- -	- -	- -	- -	5 20
Univ. College of the Fraser Valley	FT	n/a	n/a	- -	- -	- -	n/a		n/a	n/a	- -	- -	- -	n/a		n/a	n/a	- -	- -	- -	- -	n/a
Vancouver Community College ¹¹	FT	n/a	12 36	- -	- -	- -	21 64		n/a	11 37	- -	- -	- -	n/a		n/a	n/a	- -	- -	- -	- -	n/a
West Coast College of Health Care ¹²	FT	3 28	1 19	- -	- -	- -	0 11		6 35	0 9	- -	- -	- -	1 10		6 35	1 10	- -	- -	- -	- -	1 15
Resident Care Attendant -- E.S.L.																						
Vancouver Community College ¹¹	FT	n/a	1 11	- -	- -	- -	n/a		n/a	2 10	- -	- -	- -	0 10		n/a	n/a	- -	- -	- -	- -	n/a
Sign Language Interpretation																						
Douglas College	FT	n/a	1 8	0 10	- -	- -	0 10		4 36	0 15	1 8	- -	- -	1 8		8 50	0 14	2 14	- -	- -	- -	0 14
	PT	n/a	0 0	0 1	- -	- -	0 1		n/a	0 2	0 0	- -	- -	0 0		n/a	1 2	0 1	- -	- -	- -	n/a
Social Service Worker																						
College of New Caledonia																						
- Child, Youth & Family Support	FT	n/a	7 30	- -	- -	- -	3 30		n/a	7 28	- -	- -	- -	2 24		n/a	10 25	- -	- -	- -	- -	7 27
	PT	n/a	3 2	- -	- -	- -	0 0		n/a	3 2	- -	- -	- -	1 4		n/a	2 5	- -	- -	- -	- -	4 0
- Special Education Assistant	FT	n/a	7 30	- -	- -	- -	3 25		n/a	0 5	- -	- -	- -	0 5		n/a	4 10	- -	- -	- -	- -	4 10
	PT	n/a	n/a	- -	- -	- -	n/a		n/a	0 5	- -	- -	- -	0 5		n/a	1 5	- -	- -	- -	- -	1 5
Douglas College	FT																					
	PT	350+	n/a	- -	- -	- -	2 23		350+	2 18	- -	- -	- -	2 23		350+	3 22	- -	- -	- -	- -	2 23
			n/a	- -	- -	- -	3 7			2 8	- -	- -	- -	3 7			2 8	- -	- -	- -	- -	3 7
Langara College	FT	n/a	n/a	- -	- -	- -	n/a		n/a	n/a	- -	- -	- -	n/a		n/a	n/a	- -	- -	- -	- -	n/a

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HUMAN SERVICES
BASIC Level Health Programs in British Columbia
by Program and Institution

Program and Educational Institution:	FT / PT	1994/95								1995/96								1996/97																			
		Applicants: M F		Enrolment (by year):								Grad- uates: M F		Applicants: M F		Enrolment (by year):								Grad- uates: M F		Applicants: M F		Enrolment (by year):								Grad- uates: M F	
				1st	2nd	3rd	4th	1st	2nd	3rd	4th					1st	2nd	3rd	4th	1st	2nd	3rd	4th														
				M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F		
Social Service Worker (continued)																																					
Malaspina University College	FT	15	110	6	16	-	-	-	-	-	-	5	15	2	24	-	-	-	-	-	2	24	12	75	4	23	-	-	-	-	-	-	2	24			
	PT			1	1	-	-	-	-	-	-	0	0	0	1	-	-	-	-	-	0	0			6-9	-	-	-	-	-	-	-	3-6				
Northern Lights College	FT	8	45	1	16	7	29	-	-	-	-	4	15	7	41	6	23	1	18	-	-	-	-	5	40	n/a	n/a	-	-	-	-	-	n/a				
	PT	2	13	1	4	1	9	-	-	-	-	2	9	1	6	1	3	-	-	-	-	1	18	2	10	n/a	n/a	-	-	-	-	-					
Northwest Community College	FT	n/a		2	22	-	-	-	-	-	-	3	14	n/a	4	20	-	-	-	-	-	1	15	n/a	n/a	n/a	-	-	-	-	-	-	n/a				
	PT	n/a		0	4	-	-	-	-	-	-	0	0	n/a	0	2	-	-	-	-	-	0	2	n/a	n/a	n/a	-	-	-	-	-	-	n/a				
Open Learning Agency ¹³	DE	n/a		5	35	-	-	-	-	-	-	2	10	n/a	7	60	-	-	-	-	-	4	30	n/a	10	70	-	-	-	-	-	-	6	30			
Selkirk College	FT	n/a		4	20	-	-	-	-	-	-	4	18	n/a	8	20	-	-	-	-	-	n/a	n/a	n/a	6	20	-	-	-	-	-	-	n/a				
	PT	n/a		0	0	-	-	-	-	-	-	n/a		n/a	0	3	-	-	-	-	-	n/a	n/a	n/a	0	4	-	-	-	-	-	-	n/a				
Univ. College of the Fraser Valley	B	n/a		n/a		n/a		-	-	-	-	n/a		n/a		n/a		n/a	-	-	-	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	n/a				
Social Work -- Baccalaureate																																					
Okanagan University College	FT	9	52	-	-	-	-	5	37	2	20	-	-	-	-	4	28	3	22	27	10	60	-	-	-	-	5	25	4	25	28						
	PT			-	-	-	-	0	6	1	2	23	13	80	-	-	-	-	0	2	0	5			-	-	-	0	6	0	2						
Univ. College of the Cariboo	FT	n/a		-	-	-	-	1	20	4	24	4	24	n/a	-	-	-	-	3	23	1	20	n/a	n/a	-	-	-	n/a	n/a	n/a							
	PT	n/a		-	-	-	-	2	9	1	8	0	1	n/a	-	-	-	-	2	9	1	5	n/a	n/a	-	-	-	n/a	n/a	n/a							
Univ. College of the Fraser Valley	B					*								n/a	-	-	-	-	n/a	n/a	n/a	n/a	n/a	-	-	-	n/a	n/a	n/a								
Univ. of British Columbia	FT	276		-	-	-	-	11	45	7	54	15	90	277		-	-	-	-	7	30	9	45	6	50	222	-	-	11	42	6	30	16	40			
	PT			-	-	-	-	n/a		n/a						-	-	-	-	n/a	n/a	-	-	-	-	-	-	0	10	0	3						
Univ. of Northern British Columbia	FT					*								150		-	-	-	-	5	20	-	-	n/a	-	-	-	6	14	n/a	n/a						
	PT					*										-	-	-	-	1	13	-	-	n/a	-	-	-	2	8	n/a	n/a						
Univ. of Victoria																																					
Regular Program	FT	34	152	-	-	-	-	7	41	8	63	9	70	31	160	-	-	-	-	7	46	5	33	n/a	40	160	-	-	-	-	10	50	3	40	n/a		
	PT/DE	18	60	-	-	-	-	6	25	28	85	4	25	13	77	-	-	-	-	11	49	20	86	n/a	20	80	-	-	-	-	20	50	20	100	8	30	
First Nations - N.V.I.T. ¹⁴	B	2	15	-	-	2	15		n/a			2	6	0	10	-	-	0	10		n/a			n/a	-	-	n/a		n/a		n/a						
First Nations - N.W.B.A. ¹⁴	B	1	6	-	-	1	6		n/a			0	2	0	0	-	-	0	0		n/a			n/a	-	-	n/a		n/a		n/a						

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HUMAN SERVICES
BASIC Level Health Programs in British Columbia
by Program and Institution

Program and Educational Institution:	FT / PT	1994/95								1995/96								1996/97																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
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" n/a " Data not available (or not supplied).

" - " Data not appropriate or not applicable.

" * " Program did not exist, or no longer exists.

¹ This program is three semesters in length, thus students entering in September of one year will graduate in December of the following year.

² Students have the option of taking the fourth semester either on a full-time basis or a part-time basis.

³ This program is offered on demand only; there was no offering in April 1995.

⁴ Only the data for program offerings in Prince George are included in the table. The August 1994 entrants are included as though they entered in September for the 1994/95 data.

⁵ Only the data for program offerings in Cranbrook are included in the table.

⁶ The enrolment and graduate data given are incomplete, but include all available information.

⁷ The data entered are based on calendar year totals rather than an academic year; the entrants for 1994 are listed under 1994/95 etc., and the graduates for 1995 are listed under 1994/95 etc.

⁸ The August entrants for this program are included as though they entered in September, i.e. the August 1994 entrants are listed under 1994/95.

⁹ There were two classes which started in January 1995, thus the large enrolment and graduate numbers for 1994/95.

¹⁰ The enrolment and graduate data given for 1995/96 and 1996/97 are incomplete.

¹¹ The data given are incomplete, as only data for the calendar year 1995 were supplied.

¹² The applicant numbers given are based on calendar year rather than academic year; the applicant data are listed with 1994 under 1994/95 etc. The data for 1996/97 are incomplete; no estimates for 1997 were available.

¹³ The enrolment data given are the number of students admitted to the program each year. The total course enrolments are 193 in 1995/96, and 195 in 1996/97.

¹⁴ The 2nd year enrolment data given are the number of students admitted to the program each year. Please see the comments in the text for data on total course enrolments.

¹⁵ In 1994/95, the second year of the program was not offered. Second year students were given other options for completion or put on hold for one year.

VIII. HUMAN SERVICES

POST-BASIC LEVEL

CARING FOR PERSONS WITH DEMENTIA

Workforce Category Trained: Resident Care Attendants, Home
Support Attendants, LPNs, and RNs with additional training as
Psycho-geriatric Aides or Assistants
Requirement(s) for Practice: None

Malaspina University College

Credential Received: Certificate
Comments: This program is no longer offered, as the new curriculum for the Home Support/Resident Care Attendant program now includes this training as part of the core program. The last graduates from this program were in May 1993.

Vancouver Community College

Credential Received: Certificate
Prerequisites: Grade Ten; minimum six months employment in the field
Full-time/Part-time: Part-time only
Program Length: 120 hours total; includes ninety hours lecture and thirty hours clinical/practical experience
Entry Date(s): September
Graduation Date(s): January
Campus Centre(s) Offered At: City Centre
Comments: This program was formerly called "Caring For The Mentally Fragile Elderly".

CHILDREN WITH SPECIAL NEEDS -- Post-Basic Early Childhood Education

Workforce Category Trained: Early Childhood Educators for children with special needs in group day-care centres or pre-school settings
Requirement(s) for Practice: Registration as a Special Needs Educator with the Community Care Facilities Licensing Board (C.C.F.L.B.)
-- required for employment as a day-care supervisor

Camosun College

Credential Received: Diploma
Prerequisites: Basic Early Childhood Education (ECE) Certificate including ENGL 150, PSYC 154, and ECCE 100 or their equivalents
Full-time/Part-time: Both full-time and part-time
Program Length: Ten months total full-time; includes ten months lecture and five weeks clinical/practical experience
Entry Date(s): September (full-time); September, January, and April (part-time)
Graduation Date(s): June
Campus Centre(s) Offered At: Lansdowne
Comments: The two post-basic ECE streams (Special Needs, and Infants and Toddlers) are offered in alternate years. The Special Needs stream was offered this year (1995/96).

Capilano College

Credential Received: Certificate
Prerequisites: Basic Early Childhood Education (ECE) Certificate
Full-time/Part-time: Part-time only
Program Length: Four semesters total part-time; includes 242 hours lecture and six weeks (210 hours) clinical/practical experience
Entry Date(s): September and January
Graduation Date(s): May
Campus Centre(s) Offered At: North Vancouver
Comments: Courses for the two post-basic ECE options (Special Needs, and Infants and Toddlers) are offered in alternate years. Capilano would like to revamp this program so as to enable students to complete the program earlier. It is often difficult for students to complete their practicum, as employers are often reluctant to allow students to leave their jobs for three to six weeks, and it is also difficult for students to go without pay for this time period.

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College of the Rockies (East Kootenay C.C.)

Credential Received: Diploma

Prerequisites: Basic Early Childhood Education (ECE) Certificate; current Early Childhood Educator License

Full-time/Part-time: Part-time/semi-distance education format (see comments)

Program Length: 519 hours total part-time; includes 285 hours lecture and 234 hours of practical experience

Entry Date(s): January

Graduation Date(s): August

Campus Centre(s) Offered At: Cranbrook and East Kootenay region

Comments: This program is offered in a "semi-distance education" format which means the students are on campus for half the course hours and study at home for the other half. The courses are offered on weekends so the students can continue to work as they study. The maximum enrolment is twenty-four students per intake.

Douglas College

Comments: Douglas offers a two year diploma program in which "Special Needs" is integrated into the curriculum throughout the program (see the listing for E.C.E. -- Integrated Diploma in the Basic level Human Services section).

Kwantlen University College

Credential Received: Citation

Prerequisites: Basic Early Childhood Education (ECE) Certificate

Full-time/Part-time: Part-time only

Program Length: 270 hours lecture and six weeks (full-time) practical experience

Entry Date(s): September

Graduation Date(s): June

Campus Centre(s) Offered At: Richmond

Comments: This program has operated for two years, but this is the first time it has been included in *PRODUCTION*. Students progress at their own pace, often taking one or two courses per term. Only a few students have completed requirements for graduation so far, and precise data is not available at this time.

Langara College

Credential Received: Diploma, if the Basic ECE was taken at Langara; Certificate otherwise

Prerequisites: Basic Early Childhood Education (ECE) Certificate

Full-time/Part-time: Part-time only

Program Length: 400 hours total; includes 200 hours lecture and 200 hours clinical/practical experience

Entry Date(s): September and January

Graduation Date(s): April, August, and December

Comments: Applicants with prerequisites are accepted on a first come basis.

Malaspina University College

Credential Received: Certificate

Prerequisites: Basic Early Childhood Education (ECE) Certificate

Full-time/Part-time: Part-time only

Program Length: 500 hours; includes 180 hours of lecture and 320 hours of clinical/practical experience

Entry Date(s): September

Graduation Date(s): May

Campus Centre(s) Offered At: Cowichan, Nanaimo and Powell River

Comments: This program is in transition to a two year ECEC Diploma that will incorporate the two post-basic certificate programs currently offered (Special Needs, and Infants and Toddlers). The current program will continue until the year 2000 (last certificates).

North Island College

Credential Received: Certificate

Prerequisites: English 12; Basic Early Childhood Education (ECE) Certificate

Full-time/Part-time: Part-time only

Program Length: 440 hours total; includes 240 hours lecture and 200 hours clinical/practical experience

Entry Date(s): September

Graduation Date(s): June

Campus Centre(s) Offered At: Port Alberni, Comox Valley, and Campbell River

Comments: This program is usually offered in a minimum of two locations, and this year in a third location through Mobile Interactive T.V. This program is in transition from a Certificate to a Diploma program so it is difficult to estimate enrolment. The current maximum enrolment in classroom courses is twenty-four students.

Northern Lights College

Credential Received: Post-basic Citation
 Prerequisites: Basic Early Childhood Education (ECE) Certificate
 Full-time/Part-time: Full-time, part-time, and through distance education
 Program Length: 320 hours total; includes 80 hours lecture and 240 hours clinical/practical experience
 Entry Date(s): September, January, and April
 Graduation Date(s): May
 Campus Centre(s) Offered At: Fort St. John
 Comments: This program is currently in transition. The Infant and Toddler post-basic option will be offered in the future, as well as the current Special Needs option. Students will also be able to choose to take the basic and post-basic ECE levels as one program and receive a Diploma.

Northwest Community College

Credential Received: Certificate
 Prerequisites: Basic Early Childhood Education (ECE) Certificate
 Full-time/Part-time: Distance education only
 Program Length: Nine out of nine courses are available through distance education (DE); students usually take three to four years to complete the program
 Entry Date(s): Continuous
 Graduation Date(s): May
 Comments: The time frame for completion is expected to accelerate as NWCC has supported Child Care training dollars to fast track all pending students and projected students.

Okanagan University College

Credential Received: Certificate
 Prerequisites: Basic Early Childhood Education (ECE) Certificate; CPR/first aid training
 Full-time/Part-time: Both full-time and part-time
 Program Length: 480 hours total; includes 225 hours lecture and 255 hours practical experience
 Entry Date(s): Varies
 Graduation Date(s): June
 Campus Centre(s) Offered At: K.L.O. - Kelowna, and Penticton or Vernon (alternates)
 Comments: Core courses for this program are scheduled at various times during the academic year, and specialised courses are held in the evenings from September to June. Courses for the two post-basic ECE options (Exceptional Children, and Infants and Toddlers) are offered on a rotating basis.

Selkirk College

Credential Received: Certificate
 Comments: This program is one option in the Special Needs program offered at Selkirk (please see the listing for Special Needs in the Basic Human Services section).

University College of the Cariboo

Credential Received: Diploma
 Prerequisites: Basic Early Childhood Education (ECE) Certificate
 Full-time/Part-time: Part-time only
 Program Length: Thirteen months total part-time; includes twelve months lecture and four to six weeks (full-time) clinical/practical experience
 Entry Date(s): September or January every second or third year
 Graduation Date(s): Varies
 Campus Centre(s) Offered At: Kamloops and Williams Lake
 Comments: Courses for the two post-basic ECE options (Special Needs, and Infants and Toddlers) are offered on an alternating basis, so the Special Needs option is only offered every two or three years. The maximum enrolment is twenty-four students.

University College of the Fraser Valley

Credential Received: Diploma
 Prerequisites: Basic Early Childhood Education (ECE) Certificate
 Full-time/Part-time: Part-time only
 Program Length: Twelve months total part-time; includes three months (full-time) practical experience
 Entry Date(s): September
 Graduation Date(s): June
 Campus Centre(s) Offered At: Abbotsford
 Comments: None

COMMUNITY SUPPORT

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Workforce Category Trained: Community Support Workers
Requirement(s) for Practice: None

Douglas College

Credential Received: Diploma
Prerequisites: Community Support Worker Certificate or equivalent
Full-time/Part-time: Both full-time and part-time
Program Length: Fifteen weeks (370 hours) total; includes ten weeks (210 hours) lecture and five weeks (160 hours) clinical/practical experience
Entry Date(s): January, May, and September
Graduation Date(s): June
Campus Centre(s) Offered At: New Westminster
Comments: Students have a choice of exiting the Douglas College Community Support program with a Certificate after three semesters (please see the listing under Community Support Worker in the Basic Human Services section), or continuing on and completing this fourth semester to receive their Diploma. Certificate students can also return at a later date to complete the fourth semester and receive their Diploma.

GERIATRIC ACTIVITY COORDINATOR

Workforce Category Trained: Geriatric Aides, Geriatric Activity Coordinators
Requirement(s) for Practice: None

Kwantlen University College

Credential Received: Citation or Certificate
Full-time/Part-time: Both full-time and part-time
Program Length: 300 hours (Citation); 490 hours (Certificate)
Campus Centre(s) Offered At: Newton campus
Comments: This is a new program offered by continuing education. No further information on this program was supplied.

University College of the Fraser Valley

Credential Received: Certificate
Prerequisites: Grade Twelve with English 11; Resident Care Attendant certificate; volunteer experience in the field
Full-time/Part-time: Part-time only
Program Length: 276 hours total; includes 192 hours lecture and 84 hours clinical/practical experience
Entry Date(s): January
Graduation Date(s): January
Campus Centre(s) Offered At: Abbotsford
Comments: This program is offered by the Department of Continuing Education.

GERONTOLOGY

Workforce Category Trained: Nurses, Occupational and Physical
Therapists, Social Workers, Psychologists, and Pastoral
Counsellors with additional training in Gerontology
Requirement(s) for Practice: None

Okanagan University College

Credential Received: Certificate
Prerequisites: Bachelor's degree in a related field;
current employment in the field
Full-time/Part-time: Part-time only
Program Length: 180 hours
Entry Date(s): September
Graduation Date(s): June
Campus Centre(s) Offered At:
Comments: This program is offered through
continuing education. The curriculum is
currently under review, and the program is on
hold.

Simon Fraser University

Credential Received: Post-Baccalaureate Diploma
Prerequisites: Bachelor's degree; volunteer
experience with a senior's organisation
Full-time/Part-time: Full-time, part-time, and some
courses are available through distance education
Program Length: Ten courses (thirty credit hours
total)
Entry Date(s): September, January, and May
Graduation Date(s): October
Campus Centre(s) Offered At: Harbour Centre and
Burnaby campuses
Comments: None

HOME SUPPORT ATTENDANT UPGRADE

Workforce Category Trained: Home Support Attendants or
Workers
Requirement(s) for Practice: None

Okanagan University College

Credential Received: Certificate
Prerequisites: Grade Ten or mature student; reading
comprehension test; CPR/first aid training;
current employment in the field
Full-time/Part-time: Part-time only
Program Length: 355 hours total; includes 271 hours
lecture and 84 hours clinical/practical experience
Entry Date(s): Varies
Graduation Date(s): Varies
Campus Centre(s) Offered At: Kelowna, Princeton,
Penticton, Summerland, and Armstrong
Comments: None

Vancouver Community College

Credential Received: Certificate
Prerequisites: Grade Ten; must be currently
employed as a Home Support Worker
Full-time/Part-time: Part-time only
Program Length: 240 hours total
Entry Date(s): October
Graduation Date(s): June
Campus Centre(s) Offered At: City Centre
Comments: None

HOME SUPPORT/RESIDENT CARE ATTENDANT EQUIVALENCY

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Workforce Category Trained: Home Support Attendants, Resident
Care Attendants
Requirement(s) for Practice: None

University College of the Cariboo

Credential Received: Certificate

Comments: This program is a challenge program. It has not been
offered for approximately five years.

HOME SUPPORT/RESIDENT CARE ATTENDANT UPGRADE

Workforce Category Trained: Resident Care Attendants, Home
Support Attendants
Requirement(s) for Practice: None

College of New Caledonia

Credential Received: Certificate

Comments: This program is only offered when there
is sufficient demand. When it is offered, it is
funded by EIC. It was not offered in 1994/95 or
1995/96.

University College of the Cariboo

Credential Received: Certificate

Comments: This program has not been offered for
several years.

POLICY AND PRACTICE IN HEALTH & SOCIAL SERVICES -- Master's

Workforce Category Trained: Social Workers, Child and Youth Care
Workers, or Nurses with additional training in research
Requirement(s) for Practice: None

University of Victoria

Credential Received: Master of Social Work (M.S.W.) for Social
Workers; Master of Arts (M.A.) for Child and Youth Care
Workers; Master of Nursing (M.N.) or a Master of Arts (M.A.)
for Nurses

Prerequisites: Bachelor of Social Work, or Bachelor of Arts in
Child & Youth Care, or Bachelor of Nursing

Full-time/Part-time: Both full-time and part-time

Program Length: Two years full-time; includes ten months of
course work and a thesis

Entry Date(s): September

Graduation Date(s): May or November

Comments: This is a multidisciplinary Master's program. It
focuses on work in two fields: Children and Families, and
Gerontology. This program is cross-listed under Nursing --
Master's in the Post-basic Nursing Services section. The data
in the tables are for the whole program, with no separation
based on the type of Master's received.

RESIDENT CARE ATTENDANT UPGRADE

Workforce Category Trained: Resident Care Attendants
Requirement(s) for Practice: None

Vancouver Community College

Credential Received: Certificate

Prerequisites: Grade Ten; current employment in the field

Full-time/Part-time: Part-time only

Program Length: 360 hours total; includes 210 hours lecture and
150 hours clinical/practical experience

Entry Date(s): September

Graduation Date(s): January

Campus Centre(s) Offered At: City Centre

Comments: This program was not offered in 1994 or 1995. They
hope to offer this program in the Spring or Fall of 1996.

Workforce Category Trained: Social Service Workers, Child & Youth
Care Workers
Requirement(s) for Practice: None

College of New Caledonia

Credential Received: Diploma in Child, Youth & Family Support
Prerequisites: Completion of year one of the Social Services program (Certificate level)
Full-time/Part-time: Both full-time and part-time
Program Length: Thirty-five weeks total full-time; includes twenty-seven weeks lecture and eight weeks clinical/practical experience
Entry Date(s): September
Graduation Date(s): June
Campus Centre(s) Offered At: Prince George
Comments: Students in Social Services have the option of exiting after one year with a Certificate (please see the listing under Social Services Worker in the Basic Human Services section) or exiting after an additional year (seventy weeks in total) with a Diploma.

Langara College

Credential Received: Co-ordinated Studies Diploma (Social Service Work)
Prerequisites: Social Service Worker Certificate; volunteer experience in the field
Full-time/Part-time: Full-time only
Program Length: 930 hours total; includes 600 hours lecture and 330 hours clinical/practical experience
Entry Date(s): September
Graduation Date(s): May
Comments: Students in this program are officially enrolled in Arts & Sciences. By completing one year of academic studies following the Social Service Worker Certificate program (see listing in Basic Human Services section), the students are granted a Co-ordinated Studies Diploma (Social Service Work).

Douglas College

Credential Received: Diploma
Prerequisites: Completion of the Community Social Services Worker Certificate or equivalent
Full-time/Part-time: Part-time only
Program Length: Four months total; includes three months lecture and one month clinical/practical experience
Entry Date(s): January and September
Graduation Date(s): January and June
Campus Centre(s) Offered At: New Westminster
Comments: Students have a choice of exiting the Douglas College Community Social Services program with a Certificate after three semesters (please see the listing under Social Services Worker in the Basic Human Services section), or continuing on and completing this fourth semester to receive their Diploma. The first intake into the Diploma portion of the program was in January 1995. The maximum enrolment is thirty students.

SOCIAL WORK -- Master's

Workforce Category Trained: Social Workers
 Requirement(s) for Practice: Registration with the B.C. Association of Social Workers -- required for employment if licensed as a private practitioner, otherwise often requested by employers

University of British Columbia

Credential Received: Master of Social Work (M.S.W.)
 Prerequisites: Bachelor of Social Work
 Full-time/Part-time: Both
 Program Length: Twelve months full-time; includes nine months lecture and 3 months clinical/practical experience
 Entry Date(s): September
 Graduation Date(s): May or November
 Comments: None

University of Victoria

Comments: Please see the listing for Policy and Practice in Health & Social Services -- Master's earlier in this section.

University of Northern British Columbia

Credential Received: Master of Social Work (M.S.W.)
 Prerequisites: Bachelor of Social Work; two years post-BSW full-time experience in the field
 Full-time/Part-time: Both full-time and part-time
 Program Length: Twelve to eighteen months total full-time, of which two thirds is lecture and one third is clinical/practical experience
 Entry Date(s): September
 Graduation Date(s): May or December
 Comments: This is a new program which first accepted students in September 1994. There is currently (January 1996) a total of twenty-eight students enrolled in the program. The first graduates are expected in May 1996. There are no plans for a full-time intake in 1996/97, and the part-time enrolment is anticipated to be five students.

SOCIAL WORK (INTERDISCIPLINARY) -- Doctorate

Workforce Category Trained: Social Workers
 Requirement(s) for Practice: Registration with the B.C. Association of Social Workers -- required for employment if licensed as a private practitioner, otherwise often requested by employers

University of British Columbia

Credential Received: Doctor of Philosophy (Ph.D.)
 Prerequisites: Bachelor of Social Work or Master of Social Work
 Full-time/Part-time: Full-time only
 Program Length: Depends on individual program, approximately four years
 Entry Date(s): September or January
 Graduation Date(s): May or November
 Comments: This is an interdisciplinary studies program offered by the Faculty of Graduate Studies. Students must work with at least two different departments. Admission depends on committee availability and the nature of the proposal.

Workforce Category Trained: Substance Abuse Counsellors
Requirement(s) for Practice: Certification (following 2000 hours work experience) as a Certified Drug and Alcohol Counsellor (C.A.D.C.) with the Addictions Intervention Association -- not required for employment, but often requested by employers

University College of the Fraser Valley

Credential Received: Substance Abuse Counselling Certificate
Prerequisites: Grade Twelve; Certificate or Diploma in a related field; five years work or volunteer experience in the field; minimum four years sobriety
Full-time/Part-time: Both full-time and part-time
Program Length: Thirty weeks total full-time
Entry Date(s): October
Graduation Date(s): June
Campus Centre(s) Offered At: Abbotsford
Comments: This program was not offered in 1994/95. No further information was supplied.

HUMAN SERVICES
POST-BASIC Level Health Programs in British Columbia
by Program and Institution

Program and Educational Institution:	FT / PT	1994/95							1995/96							1996/97											
		Applicants: M F		Enrolment (by year):				Graduates: M F		Applicants: M F		Enrolment (by year):					Graduates: M F		Applicants: M F		Enrolment (by year):					Graduates: M F	
				1st M F	2nd M F	3rd M F	4th M F					1st M F	2nd M F	3rd M F	4th M F	5th M F					1st M F	2nd M F	3rd M F	4th M F	5th M F		
Caring for Persons with Dementia Vancouver Community College	PT	n/a	n/a	- -	- -	- -	- -	2 11	n/a	1 18	- -	- -	- -	- -	- -	n/a	n/a	n/a	- -	- -	- -	- -	- -	n/a			
Children with Special Needs -- Post-basic ECE Camosun College ¹	FT	0 0	- -	0 0	- -	- -	- -	0 0	n/a	- -	0 14	- -	- -	- -	- -	0 29	0 0	- -	0 0	- -	- -	- -	- -	0 0			
	PT	0 0	- -	0 0	- -	- -	- -	0 0	n/a	- -	1 15	- -	- -	- -	- -	0 29	0 0	- -	0 0	- -	- -	- -	- -	0 0			
Capilano College	PT	n/a	- -	1 55	- -	- -	- -	0 0	n/a	- -	0 60	- -	- -	- -	- -	0 16	n/a	- -	n/a	- -	- -	- -	- -	n/a			
College of the Rockies (EKCC) ^{1,2}	PT/DE	0 23	- -	0 23	- -	- -	- -	0 15	0 0	- -	0 0	- -	- -	- -	- -	0 0	0 6	- -	0 6	- -	- -	- -	- -	0 0			
Kwantlen University College	PT	n/a	- -	0 18	- -	- -	- -	n/a	n/a	- -	0 20	- -	- -	- -	- -	n/a	n/a	- -	0 31	- -	- -	- -	- -	n/a			
Langara College	PT	n/a	- -	2 28	- -	- -	- -	1 14	2 40	- -	2 28	- -	- -	- -	- -	2 16	n/a	- -	30	- -	- -	- -	- -	18			
Malaspina University College	PT	0 25	- -	0 25	- -	- -	- -	0 18	0 0	- -	0 0	- -	- -	- -	- -	0 18	0 25	- -	0 25	- -	- -	- -	- -	0 10			
North Island College ³	PT	n/a	- -	0 8	- -	- -	- -	0 4	n/a	- -	0 30	- -	- -	- -	- -	n/a	n/a	- -	n/a	- -	- -	- -	- -	n/a			
Northern Lights College	B	0 4	- -	0 4	- -	- -	- -	0 4	0 5	- -	0 5	- -	- -	- -	- -	0 5	0 5	- -	n/a	- -	- -	- -	- -	n/a			
Northwest Community College	PT/DE	0 24	- -	0 24	- -	- -	- -	0 1	0 24	- -	0 24	- -	- -	- -	- -	0 0	0 24	- -	0 24	- -	- -	- -	- -	0 0			
Okanagan University College	FT	n/a	- -	0 12	- -	- -	- -	0 12	n/a	- -	0 4	- -	- -	- -	- -	0 4	n/a	- -	n/a	- -	- -	- -	- -	n/a			
	PT	n/a	- -	0 5	- -	- -	- -	n/a	n/a	- -	0 2	- -	- -	- -	- -	n/a	n/a	- -	n/a	- -	- -	- -	- -	n/a			
Univ. College of the Cariboo ¹	PT	n/a	- -	n/a	- -	- -	- -	n/a	n/a	- -	n/a	- -	- -	- -	- -	n/a	n/a	- -	0 20	- -	- -	- -	- -	n/a			
Univ. College of the Fraser Valley	PT	0 20	- -	0 20	- -	- -	- -	0 17	0 15	- -	0 15	- -	- -	- -	- -	n/a	0 20	- -	0 20	- -	- -	- -	- -	n/a			
Community Support Douglas College	FT	n/a	- -	1 13	- -	- -	- -	n/a	n/a	- -	1 19	- -	- -	- -	- -	n/a	n/a	- -	2 24	- -	- -	- -	- -	n/a			
	PT	n/a	- -	0 6	- -	- -	- -	n/a	n/a	- -	0 6	- -	- -	- -	- -	n/a	n/a	- -	0 8	- -	- -	- -	- -	n/a			
Geriatric Activity Coordinator Kwantlen University College	B	n/a	n/a	- -	- -	- -	- -	n/a	n/a	n/a	- -	- -	- -	- -	- -	n/a	n/a	n/a	- -	- -	- -	- -	- -	n/a			
Univ. College of the Fraser Valley	PT	0 12	0 10	- -	- -	- -	- -	n/a	0 16	0 14	- -	- -	- -	- -	- -	n/a	n/a	n/a	- -	- -	- -	- -	- -	n/a			

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HUMAN SERVICES
POST-BASIC Level Health Programs in British Columbia
by Program and Institution

Program and Educational Institution:	FT / PT	1994/95								1995/96								1996/97																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
		Applicants: M F		Enrolment (by year):						Grad- uates: M F		Applicants: M F		Enrolment (by year):						Grad- uates: M F		Applicants: M F		Enrolment (by year):						Grad- uates: M F																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
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" n/a " Data not available (or not supplied). " - " Data not appropriate or not applicable. " * " Program did not exist, or no longer exists.

¹ The "Special Needs" stream of this program is only offered every second year.

² The 1996/97 class will not graduate until Fall 1997, thus no graduates are expected in 1996/97.

³ This program is in transition from a certificate program to a diploma program, thus it is difficult to estimate future data.

⁴ The data listed are for the entire program, there is no breakdown based on type of Master's degree.

IX. LABORATORY SERVICES

BASIC LEVEL

BIOMEDICAL ENGINEERING TECHNOLOGY

Workforce Category Trained: Biomedical Engineering Technologists
 Requirement(s) for Practice: Certification (requires work experience)
 as an Applied Sciences Technologist/Technician (A.Sc.T.) with the
 Applied Sciences Technologists & Technicians of B.C. -- not
 required for employment

British Columbia Institute of Technology

Credential Received: Diploma
 Prerequisites: Grade Twelve with Chemistry 11, Physics 11,
 English 12, and Math 12
 Full-time/Part-time: Full-time only
 Program Length: Seventy weeks total; includes sixty-five weeks
 lecture and five weeks clinical/practical experience
 Entry Date(s): September
 Graduation Date(s): June
 Campus Centre(s) Offered At: Burnaby campus
 Comments: The applicant numbers are approximations.

CARDIOLOGY TECHNOLOGY

Workforce Category Trained: Cardiology Technicians, Cardiology
 Technologists
 Requirement(s) for Practice: Registration as a Registered Cardiology
 Technologist or Technician (R.C.T.) with the Canadian Society of
 Cardiology Technologists -- not required for employment, but often
 requested by employers

British Columbia Institute of Technology

Credential Received: Certificate
 Prerequisites: Grade Twelve with Chemistry 11, Physics 11,
 Biology 12, Math 12, and English 12; CPR/first aid training;
 work-related or volunteer experience in the field recommended
 Full-time/Part-time: Full-time only
 Program Length: Thirty-five weeks total; includes twenty-five
 weeks lecture and ten weeks clinical/practical experience
 Entry Date(s): September
 Graduation Date(s): June
 Campus Centre(s) Offered At: Burnaby campus
 Comments: This program is currently under review. There will
 probably not be a (full-time) offering in September 1997.

Workforce Category Trained: Cytotechnologists
Requirement(s) for Practice: Registration as a Registered Technologist
-- Subject: Cytology (R.T. (C.)) with the Canadian Society of
Laboratory Technologists -- required for employment

British Columbia Cancer Agency

Credential Received: Certificate
Prerequisites: One year college or university including Math,
Biology, and Chemistry
Full-time/Part-time: Full-time only
Program Length: Twenty-three months total
Entry Date(s): July
Graduation Date(s): May
Comments: This program increased in length from twenty to
twenty-three months, and the month of entry into the program
changed from October to July in 1993/94. There were no
entrants in October 1993 and therefore no graduates in May
1995. There were also no entrants in July 1995 and none are
expected in July 1996.

ELECTRONEUROPHYSIOLOGY TECHNOLOGY

Workforce Category Trained: Electroneurophysiology Technologists
Requirement(s) for Practice: Registration as a Registered
Electroneurophysiology Technologist (R.E.T.) with the Canadian
Board of Registration in Electroneurophysiology Technology -- not
required for employment, but often requested by employers

British Columbia Institute of Technology

Credential Received: Diploma of Technology
Prerequisites: Grade Twelve with Chemistry 11, Physics 11,
Biology 12, Math 12, and English 12
Full-time/Part-time: Full-time only
Program Length: Eighteen months total; includes thirteen months
lecture and five months clinical/practical experience
Entry Date(s): September of alternate years
Graduation Date(s): June of alternate years
Campus Centre(s) Offered At: Burnaby campus
Comments: This program used to be offered every year, but as of
September 1994 entry to the program will now occur in
September of alternate years (1994/95, 1996/97 etc.).

MEDICAL CLINICAL ASSISTANT

Workforce Category Trained: Medical/Clinical Assistants
 Requirement(s) for Practice: None

West Coast College of Health Care

Credential Received: Certificate
 Prerequisites: Grade Twelve with Biology 11 and English 11;
 twenty-five wpm typing; good communication and
 interpersonal skills
 Full-time/Part-time: Full-time only
 Program Length: Twenty-six weeks total; includes twenty-two
 weeks lecture and four weeks clinical/practical experience
 Entry Date(s): January and September
 Graduation Date(s): March and June
 Campus Centre(s) Offered At: Surrey
 Comments: This program can also be considered as a Medical
 Office Assistant program, although students learn common
 clinical procedures that put the assistant in direct clinical
 contact with the patient. A course on electrocardiography is
 included. The role of a Medical Assistant can vary depending
 on the working environment (i.e. medical office, clinic, or
 hospital). E.I.C. may fund students on an individual basis.

MEDICAL LABORATORY ASSISTANT

Workforce Category Trained: Medical Laboratory Assistants
 Requirement(s) for Practice: None; under consideration by the B.C.
 Society of Medical Laboratory Technologists

Vancouver Community College

Credential Received: Certificate
 Prerequisites: Grade Twelve; typing
 Full-time/Part-time: Full-time only
 Program Length: Four months total; includes three
 months lecture and one month clinical/practical
 experience
 Entry Date(s): January, June, and August
 Graduation Date(s): April, October, and December
 Campus Centre(s) Offered At: City Centre
 Comments: The number of seats funded by E.I.C.
 varies.

West Coast College of Health Care

Credential Received: Certificate
 Prerequisites: Grade Twelve with Biology 11,
 Chemistry 11, and English 11; good fine-motor,
 communication and interpersonal skills
 Full-time/Part-time: Full-time only
 Program Length: Twenty-six weeks total; includes
 twenty-two weeks lecture and four weeks
 clinical/practical experience
 Entry Date(s): April and August
 Graduation Date(s): August and October
 Campus Centre(s) Offered At: Surrey
 Comments: This program includes a five week
 course in electrocardiography. The practicum
 consists of two weeks in a private laboratory and
 two weeks in a hospital laboratory. Foreign-
 trained laboratory technologists find that this is
 one of very few vocational programs that will
 allow them an opening into the labour market
 within their professional field. E.I.C. may fund
 students on an individual basis.

MEDICAL LABORATORY TECHNOLOGY

81

Workforce Category Trained: Medical Laboratory Technologists
Requirement(s) for Practice: Registration as a Registered Technologist (R.T.) with the Canadian Society of Laboratory Technologists -- not required for employment

British Columbia Institute of Technology

Credential Received: Diploma
Prerequisites: Grade Twelve with Physics 11, Math 12, Chemistry 12, Biology 12, and English 12
Full-time/Part-time: Full-time only
Program Length: Three academic years (120 weeks) total; includes sixty-four weeks lecture and fifty-six weeks clinical/ practical experience
Entry Date(s): September
Graduation Date(s): June
Campus Centre(s) Offered At: Burnaby campus
Comments: This program switched from a two year program requiring one year university as a prerequisite to a three year program requiring only Grade Twelve as a prerequisite in September 1994, thus there will be no graduates in June 1996.

University College of the Cariboo

Credential Received: Diploma
Prerequisites: One year college or university including Biology, Chemistry, English, Math, and Physics; tour of clinical facility
Full-time/Part-time: Full-time only
Program Length: Twenty months total; includes eight months lecture and twelve months clinical/practical experience
Entry Date(s): September
Graduation Date(s): June
Campus Centre(s) Offered At: Kamloops
Comments: There was no intake into this program in September 1995 because curriculum revisions are currently taking place. The next scheduled intake is in September 1996 into a redesigned program.

MEDICAL RADIOGRAPHY TECHNOLOGY

Workforce Category Trained: Medical Radiographers
Requirement(s) for Practice: Registration as a Registered Technologist in Radiography (R.T.R.) with the Canadian Association of Medical Radiation Technologists -- not required for employment, but often requested by employers

British Columbia Institute of Technology

Credential Received: Diploma
Prerequisites: Grade Twelve with Biology 12, Physics 12, Math 12, and English 12; introductory computer course; CPR/first aid training; forty hours hospital volunteer experience
Full-time/Part-time: Full-time only
Program Length: Twenty-five months total
Entry Date(s): January
Graduation Date(s): May
Campus Centre(s) Offered At: Burnaby campus
Comments: None

NUCLEAR MEDICINE TECHNOLOGY

Workforce Category Trained: Nuclear Medicine Technologists
 Requirement(s) for Practice: Registration as a Registered Technologist in Nuclear Medicine (R.T.(N.M.)) with the Canadian Association of Medical Radiation Technologists -- not required for employment, but often requested by employers

British Columbia Institute of Technology

Credential Received: Diploma
 Prerequisites: Grade Twelve with Biology 11, Physics 11, Chemistry 12, Math 12, and English 12; CPR/first aid training; orientation tour
 Full-time/Part-time: Full-time only
 Program Length: Twenty-four months total; includes fourteen months lecture and ten months clinical/practical experience
 Entry Date(s): September
 Graduation Date(s): August
 Campus Centre(s) Offered At: Burnaby
 Comments: The proposed enrolment for 1996/97 will increase to fourteen students.

RADIATION THERAPY TECHNOLOGY

Workforce Category Trained: Radiation Therapists
 Requirement(s) for Practice: Registration as a Registered Radiation Therapist with the B.C. Association of Medical Radiation Technologists and the Canadian Association of Medical Radiation Technologists -- not required for employment, but often requested by employers

British Columbia Cancer Agency

Credential Received: Diploma
 Prerequisites: One year college or university including Physics; English; and Calculus; volunteer experience in health care or a community organisation
 Full-time/Part-time: Full-time only
 Program Length: Twenty-seven months total; includes thirteen months lecture and fourteen months clinical/practical experience
 Entry Date(s): February
 Graduation Date(s): May
 Campus Centre(s) Offered At: Vancouver Cancer Centre
 Comments: None

RESPIRATORY THERAPY

Workforce Category Trained: Respiratory Therapists

Requirement(s) for Practice: Registration as a Registered Respiratory Therapist with the Canadian Society of Respiratory Therapists -- not required for employment, but often requested by employers

University College of the Cariboo

Credential Received: Diploma

Prerequisites: Grade Twelve with Physics 11, Chemistry 12, Biology 12, Math 12, and English 12; CPR/first aid training; hospital tour

Full-time/Part-time: Full-time only

Program Length: Twenty-seven months total; includes sixteen months lecture and eleven months clinical/practical experience

Entry Date(s): September

Graduation Date(s): April

Campus Centre(s) Offered At: Kamloops

Comments: None

LABORATORY SERVICES
BASIC Level Health Programs in British Columbia
by Program and Institution

Program and Educational Institution:	FT / PT	1994/95										1995/96										1996/97															
		Applicants:		Enrolment (by year):								Applicants:		Enrolment (by year):								Applicants:		Enrolment (by year):								Applicants:					
		M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F						
Biomedical Engineering Technology B.C. Institute of Technology ¹	FT	60	20	24	6	17	7	-	-	-	-	18	6	80	20	25	7	15	2	-	-	-	-	13	2	80	30	24	8	15	5	-	-	-	-	14	4
Cardiology Technology B.C. Institute of Technology	FT	n/a		n/a		-	-	-	-	-	-	n/a		0	9	0	9	-	-	-	-	-	-	0	9	1	11	1	11	-	-	-	-	-	-	1	11
Cytotechnology B.C. Cancer Agency ²	FT	n/a		1	3	0	0	-	-	-	-	0	0	n/a		0	0	1	3	-	-	-	-	1	3	n/a		0	0	0	0	-	-	-	-	0	0
Electroneurophysiology Technology B.C. Institute of Technology ³	FT	n/a		n/a		n/a		-	-	-	-	1	4	n/a		-	-	1	7	-	-	-	-	1	7	n/a		8	-	-	-	-	-	-	-	-	
Medical Clinical Assistant West Coast College of Health Care ⁴	FT	0	8	0	7	-	-	-	-	-	-	0	6	0	12	0	5	-	-	-	-	-	-	0	6	0	14	0	6	-	-	-	-	-	-	0	6
Medical Laboratory Assistant Vancouver Comm. College ^{5,6}	FT	n/a		2	33	-	-	-	-	-	-	0	13	n/a		0	18	-	-	-	-	-	-	2	13	n/a		n/a	-	-	-	-	-	-	n/a		
West Coast College of Health Care ^{4,6}	FT	9	22	0	12	-	-	-	-	-	-	1	8	10	24	10	14	-	-	-	-	-	-	5	17	12	24	4	8	-	-	-	-	-	-	6	14
Medical Laboratory Technology B.C. Institute of Technology ⁷	FT	186		5	35	11	26	-	-	-	-	11	26	142		2	18	5	29	0	0	-	-	0	0	n/a		20-40	2	18	5	29	-	-	-	5	29
Univ. College of the Cariboo ⁸	FT	n/a		5	14	3	11	-	-	-	-	3	11	n/a		0	0	5	12	-	-	-	-	5	11	n/a		16	0	0	-	-	-	-	0	0	
Medical Radiography Technology B.C. Institute of Technology	FT	n/a		30		24		-	-	-	-	35		30	220	4	26	7	17	-	-	-	-	7	17	≈ 350		8	22	4	26	-	-	-	-	4	26
Nuclear Medicine Technology B.C. Institute of Technology	FT	62	62	3	9	5	4	-	-	-	-	5	4	48	66	6	6	3	7	-	-	-	-	3	7	50	70	7	7	6	6	-	-	-	-	6	6
Radiation Therapy Technology B.C. Cancer Agency	FT	n/a		0	8	1	7	-	-	-	-	n/a		n/a		2	5	0	5	-	-	-	-	n/a		n/a		n/a		n/a		-	-	-	-	n/a	

... continued

LABORATORY SERVICES
BASIC Level Health Programs in British Columbia
by Program and Institution

Program and Educational Institution:	FT / PT	1994/95							1995/96							1996/97															
		Applicants: M F	Enrolment (by year):								Graduates: M F	Applicants: M F	Enrolment (by year):								Graduates: M F	Applicants: M F	Enrolment (by year):								Graduates: M F
			1st M F	2nd M F	3rd M F	4th M F	1st M F	2nd M F	3rd M F	4th M F			1st M F	2nd M F	3rd M F	4th M F	1st M F	2nd M F	3rd M F	4th M F											
Respiratory Therapy Univ. College of the Cariboo	FT	n/a	10 38	22 28	18 17	- -	17 14	n/a	17 32	13 28	26 23	- -	24 22	n/a	24 24	14 26	12 22	- -	n/a												

" n/a " Data not available (or not supplied).

" - " Data not appropriate or not applicable.

¹ The applicant numbers are approximations.

² The July entrants to this program are listed as though they started in September, i.e. July 1994 entrants are listed as first year in 1994/95, second year in 1995/96, and graduating in May 1996. There were no entrants to this program in 1993/94 (October), thus there were no graduates in June 1995. Also, there were no entrants in July 1995, and none are expected for July 1996.

³ As of September 1994, intake into this program occurs once every second year.

⁴ The applicant numbers given are based on calendar year rather than academic year, with the 1994 applicants listed under 1994/95, and the 1995 applicants listed under 1995/96, etc. The data for 1996/97 are incomplete, as no estimates were available for the 1997 intakes.

⁵ The data listed is incomplete, only some data for the calendar year 1995 was available. Thus, the 1994/95 data include only two enrolment offerings and one graduation, while the 1995/96 data include only one enrolment offering and one graduation.

⁶ The August entrants for this program are included as though they entered in September, i.e. the August 1995 entrants are listed under 1995/96.

⁷ This program was recently restructured, students who entered in September 1994 will take three rather than two academic years to complete the program. Therefore, there will be no graduates in June 1996.

⁸ This program suspended 1st year intake in September 1995 while curriculum revisions take place, the next intake is planned for September 1996.

X. LABORATORY SERVICES

POST-BASIC LEVEL

ADVANCED DIPLOMA IN HEALTH SCIENCES (Medical Imaging)

Workforce Category Trained: Medical Radiographers

Requirement(s) for Practice: None specific to this program.

Registration as a Registered Technologist in Radiography (R.T.R.)
with the Canadian Association of Medical Radiation Technologists
-- not required for employment, but often requested by employers

British Columbia Institute of Technology

Credential Received: Advanced Diploma

Prerequisites: Diploma in Medical Radiography; current
employment in the field

Full-time/Part-time: Distance education

Program Length: Fifteen out of fifteen courses are available
through distance education (DE); students usually take five to
six years to complete the program

Entry Date(s): January, April, and September

Graduation Date(s): June

Campus Centre(s) Offered At: Kaslo site

Comments: The enrolment numbers given are total enrolment in
the program each year.

ANAESTHESIA TECHNOLOGY

Workforce Category Trained: Anaesthesia Technologists

Requirement(s) for Practice: Registration as a Registered Respiratory
Therapist -- Anaesthesia (R.R.T.(A)) with the Canadian Society of
Respiratory Therapists -- not required for employment

University College of the Cariboo

Credential Received: Advanced Diploma

Prerequisites: Diploma in Respiratory Therapy

Full-time/Part-time: Distance education

Program Length: Four theory courses (available through distance
education), and one clinical course (sixteen weeks full-time);
students usually take one to two years to complete the program

Entry Date(s): Continuous

Graduation Date(s): Continuous

Comments: Students may take the didactic portion of the program
only and are then awarded a certificate of completion, rather
than the Advanced Diploma. The graduate data presented in
the table are for those students who also complete the clinical
component of the program to receive the Advanced Diploma.
Space has been limited for the clinical portion of the program,
but a number of new clinical sites may be available in the
future.

BIOCHEMISTRY -- Master's

Workforce Category Trained: Biochemists (research, academic, and industry), Laboratory Technicians, Research Technicians
Requirement(s) for Practice: None

Simon Fraser University

Credential Received: Master of Science (M.Sc.) in Molecular Biology and Biochemistry
Prerequisites: B.Sc. in Chemistry or Biology
Full-time/Part-time: Both
Program Length: Twelve semester hours of lectures and completion of a research thesis; students usually take one to three years to complete the program
Entry Date(s): September, January, or May
Graduation Date(s): June or October
Comments: Enrolment depends on the availability of funding, space, and supervisors.

University of Victoria

Credential Received: Master of Science (M.Sc.)
Prerequisites: B.Sc. in Biochemistry
Full-time/Part-time: Full-time only
Program Length: Two to three years
Entry Date(s): January, May or September
Graduation Date(s): May or November
Comments: None

University of British Columbia

Credential Received: Master of Science (M.Sc.)
Prerequisites: B.Sc. or equivalent
Full-time/Part-time: Both
Program Length: Two to three years
Entry Date(s): September or January
Graduation Date(s): May or November
Comments: The number of students placed each year is largely dependent on availability of funding, space, and supervisors. Many master's students transfer into the doctorate program after one year if they meet the requirements.

BIOCHEMISTRY -- Doctorate

Workforce Category Trained: Biochemists (research, academic, and industry)

Requirement(s) for Practice: None

Simon Fraser University

Credential Received: Doctor of Philosophy (Ph.D.)
in Molecular Biology and Biochemistry

Prerequisites: Honours B.Sc. in Biology or
Chemistry, or M.Sc. in Biology or Biochemistry

Full-time/Part-time: Both

Program Length: Twenty semester hours of lectures
(entry with a B.Sc.) or eight semester hours of
lectures (entry with a M.Sc.) and completion of a
research thesis; students usually take two to eight
years to complete the program

Entry Date(s): September, January, or May

Graduation Date(s): June or October

Comments: Enrolment depends on the availability of
funding, space, and supervisors.

University of Victoria

Credential Received: Doctor of Philosophy (Ph.D.)

Prerequisites: M.Sc. in Biochemistry

Full-time/Part-time: Full-time only

Program Length: Approximately five years

Entry Date(s): January, May or September

Graduation Date(s): May or November

Comments: None

University of British Columbia

Credential Received: Doctor of Philosophy (Ph.D.)

Prerequisites: B.Sc. with First Class Honours in
Biochemistry or M.Sc. in Biochemistry or the
equivalent

Full-time/Part-time: Full-time only

Program Length: Three to six years

Entry Date(s): September or January

Graduation Date(s): May or November

Comments: The number of students placed each year
is largely dependent on availability of funding,
space, and supervisors. Students frequently
transfer into the doctorate program from the
master's program after one year if they meet the
requirements.

CARDIOVASCULAR PERFUSION TECHNOLOGY

Workforce Category Trained: Cardiovascular Perfusion Technologists,
Clinical Perfusionists
Requirement(s) for Practice: Certification as a Certified Clinical
Perfusionist (C.C.P.) with the Canadian Society of Clinical Perfusion -
- not required for employment, but often requested by employers

University College of the Cariboo

Credential Received: Advanced Diploma
Prerequisites: Diploma in an Allied Health field, or a B.Sc.
Full-time/Part-time: Distance education
Program Length: Four core courses and six support courses (all
available through distance education), and one clinical course;
students usually take two years to complete the program
Entry Date(s): Continuous
Graduation Date(s): Continuous
Comments: The clinical portion of this program is forty-eight
weeks in length and begins in March.

CARDIOVASCULAR TECHNOLOGY

Workforce Category Trained: Cardiology Technologists
Requirement(s) for Practice: Registration as a Registered
Cardiopulmonary Technologist -- Cardiovascular (R.C.P.T. (C.)) from
the Canadian Association of Cardiopulmonary Technologists and/or as
a Registered Cardiovascular Technologist (R.C.V.T.) from the
Cardiovascular Credentialing International (C.C.I.) -- not required for
employment

British Columbia Institute of Technology

Credential Received: Post-Diploma in Cardiovascular Technology
Prerequisites: Diploma, Advanced Diploma, Bachelor's degree,
Master's degree, or professional degree; CPR/first aid training.
(Applicants trained-on-the-job can apply for prior learning
assessment for clinical.)
Full-time/Part-time: Distance Education
Program Length: Five theory courses are available through
Distance Education (DE), followed by a clinical component
which is twenty-two weeks in total
Entry Date(s): January, April, and September
Graduation Date(s): June
Campus Centre(s) Offered At: Offered via Distance Education
Comments: Many students from both Canada and the U.S. take
only individual courses offered by this program for either
continuing education or to gain experience. Students usually
complete the five theory courses prior to declaring their
interest in completing the full diploma, thus an estimate of the
diploma enrolment is difficult. However, the current *estimate*
is eight to twelve students working towards a diploma.

CYTOGENETICS LABORATORY TECHNOLOGY

Workforce Category Trained: Medical Laboratory Technologists in
Cytogenetics, Research Assistants

Requirement(s) for Practice: Registration as a Registered Technologist
-- subject Cytogenetics (R.T. (CG.)) with the Canadian Society of
Laboratory Technologists -- required for employment

British Columbia Institute of Technology

Credential Received: Diploma

Prerequisites: Bachelor's degree including fourth year courses in
cytogenetics, genetics, cell biology, molecular biology and
molecular genetics; volunteer experience in the field; lab
experience with a good employment record

Full-time/Part-time: Full-time only

Program Length: Thirteen months total; includes thirty weeks
lecture and twenty-five weeks clinical/practical experience

Entry Date(s): September

Graduation Date(s): October

Campus Centre(s) Offered At: Burnaby campus

Comments: During the 1995/96 academic year this program is
undergoing curriculum review (no entrants) and input from
the clinical laboratories. The results of the survey will to a
large part determine the balance between conventional &
molecular genetics. Distance education and continuing
education courses may be available in 1996/97.

DIAGNOSTIC MEDICAL SONOGRAPHY

Workforce Category Trained: Diagnostic Medical Sonographers,
Ultrasound Technologists

Requirement(s) for Practice: Registration as a Registered Diagnostic
Medical/Cardiac Sonographer with the American Registry of
Diagnostic Medical Sonographers -- not required for employment,
but often requested by employers

British Columbia Institute of Technology

Credential Received: Post Diploma

Prerequisites: Diploma of Technology in an allied health field;
recent relevant clinical experience

Full-time/Part-time: Full-time only

Program Length: Twelve months total

Entry Date(s): September

Graduation Date(s): August

Campus Centre(s) Offered At: Burnaby campus

Comments: The lecture and clinical portions are mixed
throughout the year, with some days per week spent in lecture
and some spent in clinical.

ECHOCARDIOGRAPHY

Workforce Category Trained: Diagnostic Medical Sonographers
trained in Echocardiography

Requirement(s) for Practice: Registration as a Registered Diagnostic
Cardiac Sonographer with the American Registry of Diagnostic
Medical Sonographers -- not required for employment, but often
requested by employers

British Columbia Institute of Technology

Credential Received: Associate Certificate in Echocardiography

Prerequisites: Completion of a Diagnostic Medical Sonography
program

Full-time/Part-time: Full-time only

Program Length: Four months total; includes twelve days lecture
and three and a half months clinical/practical experience

Entry Date(s): November

Graduation Date(s): February

Campus Centre(s) Offered At: Burnaby campus

Comments: This program has switched from two intakes per year
to one intake per year.

HEALTH SCIENCE -- Baccalaureate (Medical Imaging)

Workforce Category Trained: Medical Radiographers

Requirement(s) for Practice: None specific to this program.

Registration as a Registered Technologist in Radiography (R.T.R.)
with the Canadian Association of Medical Radiation Technologists
-- not required for employment, but often requested by employers

Open Learning Agency

Credential Received: Bachelor of Health Science (B.H.Sc.) in
Medical Imaging

Prerequisites: Diploma of Technology in Medical Radiography
and an Advanced Diploma in Health Sciences

Full-time/Part-time: Distance education

Program Length: Ten out of ten courses are available through
distance education; the amount of time students usually take to
complete the program varies

Entry Date(s): Continuous

Graduation Date(s): January, April, June, and September

Comments: As of August 31st 1995, the collaboration with
B.C.I.T. (now granting it's own degrees) was dissolved and
OLA is no longer accepting new applicants to this program.
Students currently in the program have the option of finishing
the degree with O.L.A. or B.C.I.T.

MEDICAL LABORATORY ASSISTANT UPGRADE

Workforce Category Trained: Medical Laboratory Assistants
Requirement(s) for Practice: Certification as a Certified Medical
Laboratory Assistant with the B.C. Society of Medical
Technologists (B.C.S.M.T.) -- not required for employment

University College of the Cariboo

Credential Received: Certificate
Prerequisites: Current employment in the field
Full-time/Part-time: Distance education
Program Length: Three theory courses (available through distance education), and a practical skills evaluation module; the amount of time students usually take to complete the program varies
Entry Date(s): Continuous
Graduation Date(s): Continuous
Comments: This program was developed to provide a certification and upgrading opportunity for Medical Laboratory Assistants who are currently employed in a laboratory, but are not certified. The first graduates are expected in 1996.

MEDICAL LABORATORY SCIENCE-- Baccalaureate

Workforce Category Trained: Medical Laboratory Technologists,
Medical Laboratory Scientists
Requirement(s) for Practice: None

University of British Columbia

Credential Received: Bachelor of Medical Laboratory Science
(B.M.L.Sc.)
Prerequisites: Two years college or university, or a Medical Laboratory Technology Diploma
Full-time/Part-time: Full-time, part-time, and distance education
Program Length: Sixty-four weeks total full-time; sixteen out of twenty courses are available through distance education (DE), and students usually take five to seven years to complete the program through DE
Entry Date(s): September
Graduation Date(s): May
Comments: Distance education enrolment is limited to thirty students per course. There are also non-degree students registered in some of the distance education courses (these are not included in the enrolment data given).

MEDICAL LABORATORY TECHNOLOGY REFRESHER

Workforce Category Trained: Medical Laboratory Technologists
Requirement(s) for Practice: Registration and Certification as an active
Registered Technologist (R.T.) with the Canadian Society of
Laboratory Technologists (C.S.L.T.) -- not required for
employment, but often requested

British Columbia Institute of Technology

Credential Received: No credential is received, only a transcript
showing completion

Comments: This program is not currently offered.

MEDICAL RADIOGRAPHY TECHNOLOGY REFRESHER

Workforce Category Trained: Medical Radiographers
Requirement(s) for Practice: Reinstatement as a Registered
Technologist in Radiography (R.T.R.) with the Canadian
Association of Medical Radiation Technologists (C.A.M.R.T.) --
not required for employment but often requested

British Columbia Institute of Technology

Credential Received: No credential is received, only a transcript
showing completion

Comments: This program is not currently offered.

NUCLEAR MEDICINE TECHNOLOGY REFRESHER

Workforce Category Trained: Nuclear Medicine Technologists
Requirement(s) for Practice: Registration as a Registered Technologist
in Nuclear Medicine (R.T.(N.M.)) with the Canadian Association
of Medical Radiation Technologists (C.A.M.R.T.) -- not required
for employment, but often requested

British Columbia Institute of Technology

Credential Received: No credential is received, only a Letter of
Retraining

Prerequisites: Diploma in Nuclear Medicine Technology;
CPR/first aid training

Full-time/Part-time: Both full-time and part-time

Program Length: Approximately four months total; includes both
lecture and clinical/practical experience

Entry Date(s): September and January

Graduation Date(s): December and May

Campus Centre(s) Offered At: Burnaby

Comments: This program is provided on an ad hoc basis and is
customised to the needs of each individual. There are
currently no students in this program.

LABORATORY SERVICES
POST-BASIC Level Health Programs in British Columbia
by Program and Institution

		1994/95										1995/96										1996/97																					
Program and Educational Institution:	FT / PT	Applicants:		Enrolment (by year):										Graduates:		Applicants:		Enrolment (by year):										Graduates:		Applicants:		Enrolment (by year):										Graduates:	
		M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F				
Adv. Dipl. in Health Sciences (Medical Imaging)																																											
B.C. Institute of Technology	DE	n/a																																									
Anaesthesia Technology																																											
Univ. College of the Cariboo	DE	n/a	3	2	-	-	-	-	-	-	-	0	0	n/a	4	3	-	-	-	-	-	-	-	-	2	1	n/a	4	4	-	-	-	-	-	-	-	-	n/a					
Biochemistry -- Master's																																											
Simon Fraser University ¹	FT	16	16	6	2	6	1	2	3	1	2	0	1	2	4	n/a	2	1	4	2	2	1	2	2	2	0	0	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a					
Univ. of British Columbia ¹	FT	34	29	6	6	5	2	1	3	-	-	-	-	1	3	n/a	7	2	6	3	5	2	-	-	-	2	1	n/a	6	6	4	2	6	3	-	-	-	-	n/a				
Univ. of Victoria	FT	n/a	3	0	3	1	3	3	0	0	-	-	1	0	n/a	1	2	3	0	1	2	1	2	-	-	2	4	n/a	1	1	1	2	3	0	0	0	-	-	2	0			
Biochemistry -- Doctorate																																											
Simon Fraser University ¹	FT	10	4	2	0	4	2	3	4	1	0	2	2	0	0	n/a	0	0	3	0	4	2	4	4	5	2	0	1	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a				
Univ. of British Columbia ¹	FT	32	19	2	0	4	3	6	4	7	3	10	5	7	3	11	3	2	0	4	3	4	3	6	4	9	5	1	0	n/a	2	0	6	4	4	3	4	3	10	5	n/a		
Univ. of Victoria	FT	n/a	2	4	0	1	0	2	1	0	1	2	2	3	n/a	4	1	2	4	0	1	0	2	1	0	1	3	n/a	2	1	4	1	2	4	0	1	0	2	1	0			
Cardiovascular Perfusion Tech.																																											
Univ. College of the Cariboo	DE	n/a	2	2	-	-	-	-	-	-	-	1	2	n/a	2	0	-	-	-	-	-	-	-	-	2	0	2	2	2	2	-	-	-	-	-	-	-	2	2				
Cardiovascular Technology																																											
B.C. Institute of Technology	PT/DE	n/a	n/a	-	-	-	-	-	-	-	-	n/a	n/a	Approximately 8 - 12 enrolled in Diploma										n/a	n/a	n/a	-	-	-	-	-	-	-	-	-	-	-	-	n/a				
Cytogenetics Lab. Technology																																											
B.C. Institute of Technology ²	FT	32	45	3	4	-	-	-	-	-	-	2	4	-	-	-	-	-	-	-	-	-	-	-	-	-	n/a	7	-	-	-	-	-	-	-	-	n/a						
Diagnostic Medical Sonography																																											
B.C. Institute of Technology	FT	14	36	1	10	-	-	-	-	-	-	1	9	11	41	1	9	-	-	-	-	-	-	-	8	n/a	10	-	-	-	-	-	-	-	-	-	n/a						
Echocardiography																																											
B.C. Institute of Technology	FT	1	7	1	6	-	-	-	-	-	-	1	6	1	9	1	7	-	-	-	-	-	-	-	1	7	n/a	8	-	-	-	-	-	-	-	-	n/a						

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LABORATORY SERVICES
POST-BASIC Level Health Programs in British Columbia
by Program and Institution

		1994/95										1995/96										1996/97																				
Program and Educational Institution:	FT / PT	Applicants:		Enrolment (by year):								Graduates:		Applicants:		Enrolment (by year):								Graduates:		Applicants:		Enrolment (by year):								Graduates:						
		M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F					
Health Science -- Baccalaureate (Medical Imaging) Open Learning Agency ³	DE	0	1	-	-	-	-	-	-	0	1	-	-	0	0	0	1	-	-	-	-	0	2	-	-	0	0	0	0	-	-	-	-	n/a	-	-	n/a					
Medical Lab. Assistant Upgrade Univ. College of the Cariboo	DE	n/a		n/a		-	-	-	-	-	-	-	-	0	0	n/a		n/a		-	-	-	-	-	-	≈ 30	n/a	n/a	-	-	-	-	-	-	-	n/a						
Medical Laboratory Science -- Baccalaureate Univ. of British Columbia ⁴	FT	n/a		-	-	-	-	6	13	6	11	-	-	6	11	n/a		-	-	-	-	5	13	6	5	-	-	6	5	n/a		-	-	-	-	n/a	5	13	-	-	5	13
	PT	n/a		-	-	-	-	1	4	2	4	-	-	1	4	n/a		-	-	-	-	1	9	1	5	-	-	1	5	n/a		-	-	-	-	n/a	1	9	-	-	0	2
	DE	55		-	-	-	-	10	31	0	0	-	-	0	0	n/a		-	-	-	-	n/a	0	0	-	-	0	0	n/a		-	-	-	-	n/a	0	0	-	-	0	0	

" n/a " Data not available (or not supplied). " - " Data not appropriate or not applicable.

¹ The graduate data listed under 1995/96 include only the Fall 1995 graduates, the Spring 1996 data were not available.

² The graduates listed under 1994/95 are the October 1995 graduates. There was no intake into this program in 1995/96, as the program is undergoing curriculum review.

³ As of August 31st 1995, Open Learning Agency is no longer accepting new applicants to this program (see text for details).

⁴ The distance education (DE) data provided only include those students registered as degree students. There are also additional unclassified students taking DE courses.

XI. MEDICAL AND TREATMENT SERVICES

BASIC LEVEL

COMBINED M.D. and Ph.D.

Workforce Category Trained: Medical Doctors with knowledge of teaching and research

Requirement(s) for Practice: Registration and Licensure with the College of Physicians & Surgeons of B.C. follows two additional years of postgraduate training (internship/residency) -- required for practice as a doctor

University of British Columbia

Credential Received: Doctor of Medicine (M.D.) and Doctor of Philosophy (Ph.D.)

Prerequisites: Bachelor's degree with honours or a Master's degree; must apply to and meet the requirements for both the M.D. program and the Ph.D. program

Full-time/Part-time: Full-time only

Program Length: Approximately seven years total

Entry Date(s): September

Graduation Date(s): May

Comments: This program generally takes about seven years to finish, depending on how much work has been done on the Ph.D. before entering the program. Students are often on leaves of absence from either the M.D. or Ph.D. portion of their program. The data in the table is based on student enrolment in the M.D. portion of the program only.

DISPENSING OPTICIAN -- Certificate

Workforce Category Trained: Opticians trained in Eyeglass Dispensing

Requirement(s) for Practice: Licensure as a Dispensing Optician (Eyeglasses) with the College of Opticians of British Columbia -- required for practice

Douglas College

Credential Received: Certificate

Prerequisites: Grade Twelve or equivalent with Math 11; writing assessment test; tour of optical facility

Full-time/Part-time: Full-time only

Program Length: Thirty-eight weeks total; includes thirty weeks lecture and eight weeks practical experience

Entry Date(s): September

Graduation Date(s): June

Campus Centre(s) Offered At: Royal Avenue campus (1995/96), Pinetree Way campus (September 1996)

Comments: This is a new program which admitted its first students in September 1995. There is also a Dispensing Optician -- Diploma program available (see next entry).

Workforce Category Trained: Opticians trained in Eyeglass and Contact Lens Dispensing
Requirement(s) for Practice: Licensure as a Dispensing Optician (Contact Lens Fitter) with the College of Opticians of British Columbia -- required for practice

Douglas College

Credential Received: Diploma
Prerequisites: Grade Twelve or equivalent with Math 11; writing assessment test; tour of optical facility
Full-time/Part-time: Full-time only
Program Length: Seventy-six weeks total; includes sixty weeks lecture and sixteen weeks practical experience
Entry Date(s): September
Graduation Date(s): June
Campus Centre(s) Offered At: Royal Avenue campus (1995/96), Pinetree Way campus (September 1996)
Comments: This is a new program which admitted students to the first year of the program in September 1995. These students may exit after one year with a Certificate (see previous entry for Dispensing Optician -- Certificate program) or continue on and complete a second year to receive their Diploma.

MEDICINE

Workforce Category Trained: Medical Doctors
Requirement(s) for Practice: Registration and Licensure with the College of Physicians & Surgeons of B.C. follows two additional years of postgraduate training (internship/residency) -- required for practice as an M.D.

University of British Columbia

Credential Received: Doctor of Medicine (M.D.)
Prerequisites: Three years college or university
Full-time/Part-time: Full-time only
Program Length: 153 weeks total
Entry Date(s): September
Graduation Date(s): May
Comments: None

OCCUPATIONAL FIRST AID – W.C.B. Level III
(formerly INDUSTRIAL FIRST AID)

Workforce Category Trained: Occupational/Industrial First Aid Attendants

Requirement(s) for Practice: Occupational First Aid Certificate with the Workers' Compensation Board of B.C. -- required for employment

Northern Lights College

Credential Received: Certificate

Prerequisites: Nineteen years of age or older;
 medical exam

Full-time/Part-time: Full-time only

Program Length: Eighty hours

Entry Date(s): Varies

Graduation Date(s): Varies

Campus Centre(s) Offered At: Dawson Creek,
 Chetwynd, Hudson's Hope, Fort Nelson, Tumbler
 Ridge, Dease Lake, and Atlin

Comments: There are multiple offerings of this program per year at the various campuses. The maximum enrolment is eighteen students per intake.

Northwest Community College

Credential Received: Certificate

Program Length: Both a seventy hour format
 (offered evenings and days) and a 105 hour
 format (offered days only)

Campus Centre(s) Offered At: Varies

Comments: Further information was not supplied for this program.

MEDICAL AND TREATMENT SERVICES
BASIC Level Health Programs in British Columbia
by Program and Institution

Program and Educational Institution:	FT / PT	1994/95								1995/96								1996/97																	
		Applicants: M F		Enrolment (by year):								Applicants: M F		Enrolment (by year):								Applicants: M F		Enrolment (by year):								Applicants: M F			
				1st		2nd		3rd		4th				Graduates:		1st		2nd		3rd				4th		Graduates:		1st		2nd				3rd	
				M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
Combined M.D. and Ph.D. Univ. of British Columbia ¹	FT	n/a		0	1	1	0	1	2	0	0	0	0	1	2	1	2	n/a		n/a		0	0	2	0	0	0	0	0	0			0	0	
Dispensing Optician -- Certificate Douglas College	FT							*				30	32	7	8	-	-	-	-	n/a		40	40	14	14	-	-	-	-	n/a					
Dispensing Optician -- Diploma Douglas College	FT							*				-	-	0	0	-	-	-	-	0	0	-	-	14	14	-	-	-	-	n/a					
Medicine Univ. of British Columbia	FT	388	305	63	58	57	67	63	55	68	52	68	52	365	341	55	65	63	61	57	67	63	56	63	56	n/a	120	55	65	63	61	57	67	57	67
Occupational First Aid Northern Lights College ²	FT	127	105	127	105	-	-	-	-	-	-	127	105	112	92	112	92	-	-	-	-	112	92	120	110	120	110	-	-	-	-	-	-	120	110
Northwest Community College	PT	n/a		n/a		-	-	-	-	-	-	n/a		n/a		-	-	-	-	-	-	n/a		n/a		n/a		-	-	-	-	-	-	n/a	

" n/a " Data not available (or not supplied).

" - " Data not appropriate or not applicable.

" * " Program did not exist, or no longer exists.

¹ The data provided is based on student enrolment in the MD portion of the program only. Students are often on a leave of absence from the MD portion while working on their PhD.

² The data given are based on calendar year rather than academic year, with the 1994 data listed under 1994/95, and the 1995 data listed under 1995/96, etc.

XII. MEDICAL AND TREATMENT SERVICES
POST-BASIC LEVEL

ANATOMY -- Master's

Workforce Category Trained: Academic or Industrial Anatomists,
Researchers, Teachers
Requirement(s) for Practice: None

University of British Columbia

Credential Received: Master of Science (M.Sc.)
Prerequisites: Bachelor's degree
Full-time/Part-time: Full-time only
Program Length: Three to five years
Entry Date(s): September or January
Graduation Date(s): May or November
Comments: None

ANATOMY -- Doctorate

Workforce Category Trained: Biomedical Scientists, Teachers
Requirement(s) for Practice: None

University of British Columbia

Credential Received: Doctor of Philosophy (Ph.D.)
Prerequisites: Master's degree
Full-time/Part-time: Full-time only
Program Length: Up to seven years
Entry Date(s): September or January
Graduation Date(s): May or November
Comments: None

EMERGENCY MEDICAL ASSISTANT I

107

Workforce Category Trained: B.C. Ambulance Service employees
Requirement(s) for Practice: Certification by the Paramedic Academy;
Licensing by the Emergency Medical Assistants Licensing Board
(E.M.A.L.B.) as an EMA I Paramedic -- not required for
employment

The Justice Institute of British Columbia

Credential Received: Certificate
Prerequisites: Employment with the B.C. Ambulance Service;
Occupational First Aid Certificate; Class 4 Driver's License;
nineteen years of age or older
Full-time/Part-time: Part-time only
Program Length: Eighty hours total; includes fifty-four hours
lecture and twenty-six hours pre-reading and practice
Entry Date(s): Varies
Graduation Date(s): Varies
Campus Centre(s) Offered At: Various locations throughout B.C.
Comments: This program is offered at twenty locations around the
province per year (various times throughout the year) and has
an intake of eighteen students per offering. Three eighteen
hour workshops per location are delivered over a six week
period.

EMERGENCY MEDICAL ASSISTANT II

Workforce Category Trained: B.C. Ambulance Service employees
Requirement(s) for Practice: Certification by the Paramedic Academy;
Licensing by the Emergency Medical Assistants Licensing Board
(E.M.A.L.B.) as an EMA II -- required for work as an EMA II

The Justice Institute of British Columbia

Credential Received: Certificate
Prerequisites: Employment with the B.C. Ambulance Service as
an Emergency Medical Assistant Level I; Occupational First
Aid Certificate; Class 4 Driver's License
Full-time/Part-time: Part-time, and through distance education
Program Length: Five months; includes thirty-two days lecture
and seven days practical experience
Entry Date(s): Varies
Graduation Date(s): Varies
Campus Centre(s) Offered At: Paramedic Academy
Comments: This program is funded entirely by the B.C.
Ambulance Service, and is offered based on their staffing
needs. It was last offered from October 1993 to April 1994.
They are unsure if it will be offered in 1996/97 at this time.
The class size is usually twelve students.

EMERGENCY MEDICAL ASSISTANT III -- Advanced Life Support

Workforce Category Trained: B.C. Ambulance Service employees
 Requirement(s) for Practice: Certification by the Paramedic Academy;
 Licensing by the Emergency Medical Assistants Licensing Board
 (E.M.A.L.B.) as an EMA III -- required for work as an EM.A III

The Justice Institute of British Columbia

Credential Received: Certificate
 Prerequisites: Employment with the B.C. Ambulance Service for a
 minimum of three years as an EMA II; Class 4 Driver's
 License
 Full-time/Part-time: Full-time only
 Program Length: Twelve months; includes six weeks lecture, and
 forty-six weeks clinical/practical experience
 Entry Date(s): Varies
 Graduation Date(s): Varies
 Campus Centre(s) Offered At: Paramedic Academy
 Comments: This program is funded entirely by the B.C.
 Ambulance Service, and is offered based on their staffing
 needs. The enrolment is usually twenty-four students per
 class. The next intake is scheduled for September 1996.

EMERGENCY MEDICAL ASSISTANT III -- Infant Transport Team

Workforce Category Trained: B.C. Ambulance Service employees
 Requirement(s) for Practice: Certification by the Paramedic Academy;
 Licensing by the Emergency Medical Assistants Licensing Board
 (E.M.A.L.B.) as an EMA III -- required for work as an EMA III

The Justice Institute of British Columbia

Credential Received: Certificate
 Prerequisites: Employment with the B.C. Ambulance Service for a
 minimum of three years as an EMA II; Class 4 Driver's
 License
 Full-time/Part-time: Full-time only
 Program Length: Eighteen months; includes six weeks lecture,
 and seventy-two weeks clinical/practical experience
 Entry Date(s): Varies
 Graduation Date(s): Varies
 Campus Centre(s) Offered At: Paramedic Academy
 Comments: This program is funded entirely by the B.C.
 Ambulance Service, and is offered based on their staffing
 needs. The enrolment is usually eight students per class. The
 next intake is scheduled for September 1996.

Workforce Category Trained: Scientists, Researchers,
Technical/Service-related workers
Requirement(s) for Practice: None

University of British Columbia

Credential Received: Master of Science (M.Sc.)
Prerequisites: B.Sc. in Life Sciences, or an M.D.
Full-time/Part-time: Full-time only
Program Length: Two to five years
Entry Date(s): January, May or September
Graduation Date(s): May or November
Comments: The maximum enrolment per year is based strictly
upon availability of research supervisors.

EXPERIMENTAL MEDICINE -- Doctorate

Workforce Category Trained: Scientists, Researchers,
Technical/Service-related workers
Requirement(s) for Practice: None

University of British Columbia

Credential Received: Doctor of Philosophy (Ph.D.)
Prerequisites: B.Sc. with First Class Honours, or an M.Sc., or an
M.D.
Full-time/Part-time: Full-time only
Program Length: Three to five years
Entry Date(s): January, May or September
Graduation Date(s): May or November
Comments: The maximum enrolment per year is based strictly
upon availability of research supervisors.

EXPERIMENTAL PATHOLOGY -- Master's

Workforce Category Trained: Academic, Industrial, or Medical
Laboratory Research Scientists; Teachers
Requirement(s) for Practice: None

University of British Columbia

Credential Received: Master of Science (M.Sc.)
Prerequisites: B.Sc. (First Class) in any biomedical science,
chemistry, or physics
Full-time/Part-time: Full-time only
Program Length: Two to four years; includes eight months lecture
and sixteen to forty months of research
Entry Date(s): September, January, May or July
Graduation Date(s): May or November
Comments: The number of students enrolled is based on the
availability of financial support by research supervisors,
unsupported students are not accepted.

EXPERIMENTAL PATHOLOGY -- Doctorate

Workforce Category Trained: Academic, Industrial, or Medical
Laboratory Research Scientists; Teachers
Requirement(s) for Practice: None

University of British Columbia

Credential Received: Doctor of Philosophy (Ph.D.)
Prerequisites: B.Sc. (First Class) in any biomedical science,
chemistry, or physics; or an M.Sc. or one year in an M.Sc.
program
Full-time/Part-time: Full-time only
Program Length: Four to five years; includes eight months lecture
and forty to fifty-two months of research
Entry Date(s): September or January
Graduation Date(s): May or November
Comments: The number of students enrolled is based on the
availability of financial support by research supervisors,
unsupported students are not accepted.

Workforce Category Trained: Genetic Counsellors
Requirement(s) for Practice: None

University of British Columbia

Credential Received: Master of Science (M.Sc.)
Prerequisites: B.Sc. in Biology, Genetics, Sciences, Nursing, or
Social Work/Counselling
Full-time/Part-time: Full-time only
Program Length: Two years
Entry Date(s): September
Graduation Date(s): May
Comments: This program will begin in September 1996.

MEDICAL GENETICS -- Master's

Workforce Category Trained: Human Genetics Researchers
Requirement(s) for Practice: None

University of British Columbia

Credential Received: Master of Science (M.Sc.)
Prerequisites: B.Sc. with courses in Genetics, Biochemistry, and
Statistics
Full-time/Part-time: Full-time only
Program Length: Three to five years
Entry Date(s): September or January
Graduation Date(s): May or November
Comments: This program is normally offered only on a full-time
basis, but they have currently made an exception for one part-
time student.

MEDICAL GENETICS -- Doctorate

Workforce Category Trained: Researchers and/or Academic Teachers
in Human Genetics
Requirement(s) for Practice: None

University of British Columbia

Credential Received: Doctor of Philosophy (Ph.D.)
Prerequisites: B.Sc. with courses in Genetics, Biochemistry, and
Statistics
Full-time/Part-time: Full-time only
Program Length: Five to six years
Entry Date(s): September or January
Graduation Date(s): May or November
Comments: None.

MICROBIOLOGY -- Master's

Workforce Category Trained: Laboratory Workers, Microbiologists,
Immunologists, Bacteriologists, Virologists
Requirement(s) for Practice: None

University of British Columbia

Credential Received: Master of Science (M.Sc.) in
Microbiology and Immunology
Prerequisites: B.Sc.
Full-time/Part-time: Full-time only
Program Length: Two to three years
Entry Date(s): September
Graduation Date(s): Continuous
Comments: The number of students enrolled is based
on the availability of positions in faculty
member's laboratories.

University of Victoria

Credential Received: Master of Science (M.Sc.)
Prerequisites: B.Sc. in Microbiology
Full-time/Part-time: Full-time only
Program Length: Two to three years
Entry Date(s): January, May or September
Graduation Date(s): May or November
Comments: None

MICROBIOLOGY -- Doctorate

Workforce Category Trained: Laboratory Workers; Specialists in
Microbiology, Virology, Bacteriology, Immunology, or Molecular
Pathogenicity; Teachers
Requirement(s) for Practice: None

University of British Columbia

Credential Received: Doctor of Philosophy (Ph.D.)
in Microbiology and Immunology
Prerequisites: B.Sc.
Full-time/Part-time: Full-time only
Program Length: Four to six years
Entry Date(s): September
Graduation Date(s): Continuous
Comments: The number of students enrolled is based
on the availability of positions in faculty
member's laboratories.

University of Victoria

Credential Received: Doctor of Philosophy (Ph.D.)
Prerequisites: M.Sc. in Microbiology
Full-time/Part-time: Full-time only
Program Length: Approximately five years
Entry Date(s): January, May or September
Graduation Date(s): May or November
Comments: None

Workforce Category Trained: Researchers, Technicians
Requirement(s) for Practice: None

University of British Columbia

Credential Received: Master of Science (M.Sc.)
Prerequisites: B.Sc.
Full-time/Part-time: Full-time only
Program Length: Twenty-four months total; includes eight months lecture and sixteen months clinical/practical experience
Entry Date(s): September
Graduation Date(s): May or November
Comments: None

NEUROSCIENCE -- Doctorate

Workforce Category Trained: Researchers
Requirement(s) for Practice: None

University of British Columbia

Credential Received: Doctor of Philosophy (Ph.D.)
Prerequisites: B.Sc.
Full-time/Part-time: Full-time
Program Length: Forty-eight months total; includes eight months lecture and forty months clinical/practical experience
Entry Date(s): September
Graduation Date(s): May or November
Comments: None

PHARMACOLOGY & THERAPEUTICS -- Master's

Workforce Category Trained: Industrial or Medical Scientists, Academic Pharmacologists
Requirement(s) for Practice: None

University of British Columbia

Credential Received: Master of Science (M.Sc.)
Prerequisites: B.Sc. with Honours in Pharmacology or Physiology
Full-time/Part-time: Full-time only
Program Length: Two to three years; includes eight months lecture and sixteen months research
Entry Date(s): September or January
Graduation Date(s): May or November
Comments: The number of students enrolled is based on the availability of financial support by research supervisors.

PHARMACOLOGY & THERAPEUTICS -- Doctorate

Workforce Category Trained: Industrial or Medical Scientists,
Academic Pharmacologists
Requirement(s) for Practice: None

University of British Columbia

Credential Received: Doctor of Philosophy (Ph.D.)
Prerequisites: M.Sc. or equivalent
Full-time/Part-time: Full-time only
Program Length: Four to seven years
Entry Date(s): September
Graduation Date(s): May or November
Comments: The number of students enrolled is based on the
availability of financial support by research supervisors.

PHYSIOLOGY -- Master's

Workforce Category Trained: Teachers, Senior Technicians, Research
Assistants
Requirement(s) for Practice: None

University of British Columbia

Credential Received: Master of Science (M.Sc.)
Prerequisites: Bachelor's degree
Full-time/Part-time: Full-time only
Program Length: Two to three years
Entry Date(s): September
Graduation Date(s): November or May
Comments: None

PHYSIOLOGY -- Doctorate

Workforce Category Trained: Medical Research Scientists
Requirement(s) for Practice: None

University of British Columbia

Credential Received: Doctor of Philosophy (Ph.D.)
Prerequisites: Bachelor's degree, Master's degree
Full-time/Part-time: Full-time only
Program Length: Three to five years
Entry Date(s): September
Graduation Date(s): November or May
Comments: None

Workforce Category Trained: Biomedical Researchers
Requirement(s) for Practice: None

University of British Columbia

Credential Received: Master of Science (M.Sc.)
Prerequisites: Bachelor's degree
Full-time/Part-time: Full-time only
Program Length: One to five years
Entry Date(s): September, January or May
Graduation Date(s): November or May
Comments: None

REPRODUCTIVE & DEVELOPMENTAL SCIENCES -- Doctorate

Workforce Category Trained: Biomedical Researchers
Requirement(s) for Practice: None

University of British Columbia

Credential Received: Doctor of Philosophy (Ph.D.)
Prerequisites: Master's degree
Full-time/Part-time: Full-time only
Program Length: Three to six years
Entry Date(s): September, January or May
Graduation Date(s): November or May
Comments: None

SURGERY FOR M.D.s -- Master's

Workforce Category Trained: Academic Surgeons
Requirement(s) for Practice: None

University of British Columbia

Credential Received: Master of Science (M.Sc.)
Prerequisites: M.D.
Full-time/Part-time: Both full-time and part-time
Program Length: One to three years
Entry Date(s): September or January
Graduation Date(s): November or May
Comments: None

MEDICAL AND TREATMENT SERVICES
POST-BASIC Level Health Programs in British Columbia
by Program and Institution

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MEDICAL AND TREATMENT SERVICES
POST-BASIC Level Health Programs in British Columbia
by Program and Institution

		1994/95										1995/96										1996/97															
Program and Educational Institution:	FT / PT	Applicants: M F	Enrolment (by year):										Graduates: M F	Applicants: M F	Enrolment (by year):										Graduates: M F	Applicants: M F	Enrolment (by year):										Graduates: M F
			1st M F	2nd M F	3rd M F	4th M F	5th M F	1st M F	2nd M F	3rd M F	4th M F	5th M F			1st M F	2nd M F	3rd M F	4th M F	5th M F	1st M F	2nd M F	3rd M F	4th M F	5th M F													
Physiology -- Doctorate Univ. of British Columbia	FT	5 6	n/a	1 0	2 2	2 4	0 0	n/a	4 5	n/a	n/a	1 0	2 1	3 2	n/a	1 2	n/a	n/a	n/a	n/a	0 1	n/a															
Reproductive & Developmental Sciences -- Master's Univ. of British Columbia	FT	n/a			n/a			n/a	n/a	4 0	n/a	n/a	n/a	0 1	1 0	n/a	1 1	n/a	n/a	n/a	n/a	n/a															
Reproductive & Developmental Sciences -- Doctorate Univ. of British Columbia	FT	n/a			n/a			n/a	n/a	2 1	0 0	2 3	1 0	0 0	0 2	n/a			n/a			n/a															
Surgery -- Master's Univ. of British Columbia	B	n/a	2 0	1 0	0 0	- -	- -	0 0	10 0	5 0	2 0	1 0	- -	- -	1 0	8 1	2 1	4 0	2 0	- -	- -	2 0															

" n/a " Data not available (or not supplied).

" - " Data not appropriate or not applicable.

" * " Program did not exist, or no longer exists.

¹ This program is funded entirely by the B.C. Ambulance Service, and programs are run based on staffing needs.

² This program was not offered in 1994/95 or 1995/96, and 1996/97 is not yet budgeted.

³ This program was not offered in 1994/95 or 1995/96; the next offering is expected to begin in September 1996.

⁴ They were unable to provide accurate enrolment data.

XIII. MENTAL HEALTH SERVICES
POST-BASIC LEVEL

CLINICAL PSYCHOLOGY -- Master's

Workforce Category Trained: Clinical, Health, and Forensic
Psychologists
Requirement(s) for Practice: None

Simon Fraser University

Credential Received: Master of Arts (M.A.)
Prerequisites: Bachelor's degree
Full-time/Part-time: Full-time only
Program Length: Two to four years; includes sixteen months
lecture and four months clinical/practical experience
Entry Date(s): September
Graduation Date(s): May and November
Campus Centre(s) Offered At: Burnaby
Comments: None

CLINICAL PSYCHOLOGY -- Doctorate

Workforce Category Trained: Clinical, Health, and Forensic
Psychologists
Requirement(s) for Practice: Registered Psychologist with the College
of Psychologists of B.C. -- required for employment

Simon Fraser University

Credential Received: Doctor of Philosophy (Ph.D.)
Prerequisites: Master's degree
Full-time/Part-time: Full-time only
Program Length: Five to eight years; includes fifty-
two hours lecture and twelve months clinical/
practical experience
Entry Date(s): September
Graduation Date(s): May and November
Campus Centre(s) Offered At: Burnaby
Comments: SFU was unable to estimate the
enrolments or graduates for 1996/97.

University of Victoria

Credential Received: Doctor of Philosophy (Ph.D.)
Prerequisites: Bachelor's or Master's degree in
Psychology
Full-time/Part-time: Both full-time and part-time
Program Length: Five years total full-time; includes
three years lecture and two years clinical/
practical experience
Entry Date(s): September
Graduation Date(s): May
Comments: Students can specialise in either
Neuropsychology or Life Span/Developmental
Psychology. There are currently no part-time
students.

University of British Columbia

Credential Received: Doctor of Philosophy (Ph.D.)
Prerequisites: Bachelor's or Master's degree
Full-time/Part-time: Full-time only
Program Length: Six years total; of which fifty
percent is lecture and fifty percent is
clinical/practical experience
Entry Date(s): September
Graduation Date(s): May and November
Comments: The intake for this program is usually
four to six students per year. UBC was unable to
provide precise enrolment data for the upper
years. The graduate numbers given for 1994/95
and 1995/96 are estimates only.

Workforce Category Trained: Counsellors
 Requirement(s) for Practice: Registered Counsellor with the Canadian Guidance and Counselling Association, and/or Clinical Counsellor with the B.C. Association of Clinical Counsellors -- neither required for employment

Simon Fraser University

Credential Received: Master of Arts (M.A.) or Master of Education (M.Ed.)
 Prerequisites: Bachelor's degree including five related undergraduate courses; volunteer experience in the field
 Full-time/Part-time: Both full-time and part-time
 Program Length: Two and a half years total full-time; includes two years lecture and two semesters clinical/practical experience
 Entry Date(s): September or June
 Graduation Date(s): April, August, or December
 Campus Centre(s) Offered At: Burnaby
 Comments: The maximum intake into this program is sixteen students per year.

University of British Columbia

Credential Received: Master of Arts (M.A.) or Master of Education (M.Ed.)
 Prerequisites: Bachelor's degree including CNPS 362, CNPS 365, Psychology courses, and Statistics course; work experience. (The prerequisites differ for the M.A. and M.Ed. degrees.)
 Full-time/Part-time: Both full-time and part-time
 Program Length: M.A.: forty-five credits total, includes 507 hours lecture and seventy-six days clinical/practical experience; M.Ed.: forty-two credits total, including 468 hours lecture and thirty-nine hours clinical/practical experience
 Entry Date(s): July and September
 Graduation Date(s): May and November
 Comments: None

University of Victoria

Credential Received: Master of Arts (M.A.) or Master of Education (M.Ed.)
 Prerequisites: Bachelor's degree including Individual and Group Counselling course(s), and a minimum of six half-year courses in Psychology/Educational Psychology; two years minimum field experience
 Full-time/Part-time: Full-time, part-time, and distance education
 Program Length: One to three years total full-time (M.A. students must complete a thesis); eleven out of eleven courses are available through distance education (DE)
 Entry Date(s): July and September
 Graduation Date(s): May and November
 Comments: The distance education (DE) students usually begin in July and move through the program as a group, although the length of the program varies depending on the configuration of the program.

COUNSELLING PSYCHOLOGY -- Doctorate

Workforce Category Trained: Counselling Psychologists

Requirement(s) for Practice: Registration with the College of Psychologists of B.C. -- not required for employment

University of British Columbia

Credential Received: Doctor of Philosophy (Ph.D.)

Prerequisites: Master's degree; three years of counselling-related experience

Full-time/Part-time: Full-time only

Program Length: Approximately six years total; includes a 1600 hour practicum and 210 hours of clinical supervision

Entry Date(s): September

Graduation Date(s): May and November

Comments: None

MENTAL HEALTH SERVICES
POST-BASIC Level Health Programs in British Columbia
by Program and Institution

		1994/95										1995/96										1996/97															
Program and Educational Institution:	FT / PT	Applicants: M F	Enrolment (by year):										Graduates: M F	Applicants: M F	Enrolment (by year):										Graduates: M F	Applicants: M F	Enrolment (by year):										Graduates: M F
			1st		2nd		3rd		4th		5th				1st		2nd		3rd		4th		5th				1st		2nd		3rd		4th		5th		
			M	F	M	F	M	F	M	F	M	F			M	F	M	F	M	F	M	F	M	F			M	F	M	F	M	F	M	F	M	F	
Clinical Psychology -- Master's Simon Fraser University	FT	64 95	2 3	2 6	0 8	1 3	0 0	2 6	49 90	2 5	2 2	2 6	0 8	0 0	0 6	n/a	3 3	2 5	2 2	2 6	0 0	4 5															
Clinical Psychology -- Doctorate Simon Fraser University	FT	7 16	2 5	2 6	3 2	3 0	2 4	1 2	11 17	0 8	2 8	2 6	3 2	2 7	5 1	n/a	n/a					n/a															
Univ. of British Columbia ¹	FT	n/a	2 3	n/a	n/a	n/a	n/a	25	n/a	1 3	n/a	n/a	n/a	n/a	23	n/a	3 3	n/a	n/a	n/a	n/a	n/a															
Univ. of Victoria	B	n/a	1 5	0 4	0 10	2 6	1 8	0 4	80 89	3 4	1 5	0 4	0 10	2 13	1 1	90 90	3 3	3 4	1 5	0 4	0 10	4 4															
Counselling Psychology -- Master's Simon Fraser University	B	40 60	3 7	4 6	0 0	0 0	- -	n/a	35 75	2 8	3 7	4 6	0 0	- -	n/a	35 75	3 7	2 8	3 7	4 6	- -	n/a															
Univ. of British Columbia	FT	48 198	17 25	20 57	10 46	12 52	10 40	17 48	30 200	20 54	17 25	20 57	10 46	12 52	10 40	40 195	20 70	10 46	12 52	10 40	7 30	20 32															
	PT	41 182	7 16	2 10	3 17	5 27	1 27	10 25	30 212	7 20	7 16	2 10	3 17	5 27	5 36	50 196	3 25	3 17	5 27	2 25	3 30	6 35															
Univ. of Victoria	FT	100	2 14	36 total enrolled				- -	24	80	4 12	83 total enrolled				- -	62	80-90	4 12	34 total enrolled				- -	14												
	PT/DE	70	13 38				- -		0 0	0 0				- -		80	12 38				- -																
Counselling Psychology -- Doctorate Univ. of British Columbia	FT	15 16	2 4	4 4	3 5	4 6	1 2	1 2	10 20	3 4	2 4	4 4	3 5	4 6	1 2	11 19	2 5	3 4	2 4	4 4	3 5	1 2															

" n/a " Data not available (or not supplied).

" - " Data not appropriate or not applicable.

¹ They were unable to provide precise enrolment data for the upper years, and the graduate data given are estimates only.

XIV. NURSING SERVICES

BASIC LEVEL

NURSING -- Baccalaureate

Workforce Category Trained: Baccalaureate Nurses
 Requirement(s) for Practice: Registration as a Registered Nurse (R.N.)
 with the Registered Nurses Association of B.C. -- required for
 employment

Trinity Western University

Credential Received: Bachelor of Science in Nursing
 (B.S.N.)
 Prerequisites: Grade Twelve with Chemistry 12,
 Biology 12, Math 12, and English 12
 Full-time/Part-time: Full-time only
 Program Length: Four years total
 Entry Date(s): August
 Graduation Date(s): April
 Comments: This program began in August 1993, so
 the first graduates are expected in April 1997.

University of British Columbia

Credential Received: Bachelor of Science in Nursing
 (B.S.N.)
 Prerequisites: Grade Twelve with Math 11,
 Chemistry 12, Biology 12, and English 12
 Full-time/Part-time: Both full-time and part-time
 Program Length: Four academic years full-time or
 six academic years part-time, includes integrated
 lecture and clinical/practical experience
 Entry Date(s): September
 Graduation Date(s): May and November
 Comments: Students may be full-time one year and
 part-time the next.

NURSING -- Combined RN/BSN

Workforce Category Trained: Diploma or Baccalaureate Nurses
 Requirement(s) for Practice: Registration as a Registered Nurse (R.N.)
 with the Registered Nurses Association of B.C. -- required for
 employment

Camosun College

Credential Received: Diploma in Nursing (or
 Bachelor of Science in Nursing (B.S.N.))
 Prerequisites: Grade Twelve with Chemistry 11,
 Math 11, English 12, and one Grade 12 science
 (Biology 12 preferred)
 Full-time/Part-time: Full-time only
 Program Length: Three academic years (Diploma)
 Entry Date(s): September
 Graduation Date(s): April
 Campus Centre(s) Offered At: Lansdowne campus
 Comments: Camosun offers only the Diploma
 portion of the Combined Nursing program.
 Students have the option of exiting with a
 Diploma from Camosun, or continuing on to the
 B.S.N. program (two additional years) at the
 University of Victoria. The graduate numbers
 provided are those students exiting with a
 Diploma from Camosun; the remainder are
 expected to continue on to the University of
 Victoria for a B.S.N.

Kwantlen University College

Credential Received: Diploma in Nursing (or
 Bachelor of Science in Nursing (B.S.N.))
 Prerequisites: Grade Twelve (or mature student
 status) with Chemistry 11, Math 11, Biology 12
 and English 12; CPR/first aid training
 Full-time/Part-time: Full-time only
 Program Length: Twenty-six months
 Entry Date(s): September
 Graduation Date(s): April
 Campus Centre(s) Offered At: Surrey
 Comments: Kwantlen will begin offering the
 Diploma portion of the Combined Nursing
 program in September 1996. Students will have
 the option of exiting with a Diploma from
 Kwantlen or continuing on to a Baccalaureate
 program.

... continued

Langara College

Credential Received: Diploma in Nursing (or Bachelor of Science in Nursing (B.S.N.))
 Prerequisites: Grade Twelve with Chemistry 11, Biology 11, Math 11, English 12, and one Grade 12 science (Biology 12 preferred); CPR/first aid training; Language Proficiency Index Level IV
 Full-time/Part-time: Full-time only
 Program Length: Thirty-two months total; includes 742 hours lecture and 1754 hours clinical/practical experience (Diploma)
 Entry Date(s): January and September
 Graduation Date(s): April and August
 Campus Centre(s) Offered At: Langara campus
 Comments: Langara offers only the Diploma portion of the Combined Nursing program. Students have the option of exiting with a Diploma from Langara, or continuing on to the B.S.N. program (two additional years) at the University of Victoria. The first graduates from this program are expected to leave with a Diploma in April 1996. The data are presented based on a fiscal rather than academic year, i.e. April 1994 to March 1995 is listed under 1994/95. The April 1996 graduates

Malaspina University College

Credential Received: Diploma in Nursing or Bachelor of Science in Nursing (B.S.N.)
 Prerequisites: Grade Twelve with Chemistry 11, Biology 11, Math 11, English 12, and one Grade 12 science; CPR/first aid training
 Full-time/Part-time: Both full-time and part-time
 Program Length: Twenty-seven months total full-time (Diploma); forty months total full-time (B.S.N.)
 Entry Date(s): September
 Graduation Date(s): April (Diploma); December (B.S.N.)
 Campus Centre(s) Offered At: Nanaimo
 Comments: Malaspina offers both the Diploma and the Baccalaureate portion of this program. The first Diploma graduates from this program were in April 1995, and the first B.S.N. graduates will be in December 1996. This program also has a Post-RN B.S.N. access option (please see the separate listing in the Post-basic Nursing Services section).

North Island College

Credential Received: Diploma in Nursing (or Bachelor of Science in Nursing (B.S.N.))
 Prerequisites: Grade Twelve with Chemistry 11, Math 11, Biology 12, English 12 or an English Placement test; CPR/first aid training
 Full-time/Part-time: Both full-time and part-time
 Program Length: Twenty-seven months total full-time includes fourteen months lecture and thirteen months clinical/practical experience (Diploma)
 Entry Date(s): September
 Graduation Date(s): April
 Campus Centre(s) Offered At: Comox Valley
 Comments: North Island offers only the Diploma portion of the Combined Nursing program. Students have the option of exiting with a Diploma after three years at North Island, or continuing on to the B.S.N. program (two additional years) at the University of Victoria. The first Diploma graduates from this program are expected in April 1996.

Northern Lights College

Credential Received: Diploma in Nursing (or Bachelor of Science in Nursing (B.S.N.))
 Comments: Northern Lights will begin offering the Diploma portion of the Combined RN/BSN program in September 1996. Students will have the option of exiting with a Diploma from Northern Lights, or continuing on to a Baccalaureate program. No other information was supplied for this program.

... continued

Okanagan University College

Credential Received: Diploma in Nursing or Bachelor of Science in Nursing (B.S.N.)
 Prerequisites: Grade Twelve with Chemistry 11, Biology 11, Math 11, English 12, and one Grade 12 science; CPR/first aid training
 Full-time/Part-time: Full-time only
 Program Length: Twenty-six and a half months total includes twenty-four months lecture and two and a half months clinical/practical experience (Diploma); thirty-eight months total includes thirty-two months lecture and six months clinical/practical experience (B.S.N.)
 Entry Date(s): September
 Graduation Date(s): April (Diploma); June (B.S.N.)
 Campus Centre(s) Offered At: K.L.O. campus, North Kelowna campus
 Comments: Okanagan offers both the Diploma and the Baccalaureate portion of this program. The second year enrolment includes students entering from the Nursing Access program (please see the separate listing later in this section). The first Diploma graduates from this program were in April 1995, and the first B.S.N. graduates are expected in June 1996.

Selkirk College

Credential Received: Diploma in Nursing (or Bachelor of Science in Nursing (B.S.N.))
 Prerequisites: Grade Twelve with Chemistry 11, Biology 11, Math 11, English 12, and one Grade 12 science; CPR/first aid training
 Full-time/Part-time: Full-time only
 Program Length: 105 weeks total; includes eighty-three weeks lecture and twenty-two weeks clinical/practical experience (Diploma)
 Entry Date(s): September
 Graduation Date(s): April
 Campus Centre(s) Offered At: Castlegar
 Comments: Selkirk offers only the Diploma portion of the Combined Nursing program. Students have the option of exiting with a Diploma after three years at Selkirk, or continuing on to the B.S.N. program (two additional years) at the University of Victoria. The last class from the old Diploma program graduated in December 1995.

University College of the Cariboo

Credential Received: Diploma in Nursing or Bachelor of Science in Nursing (B.S.N.)
 Prerequisites: Grade Twelve with Chemistry 11, Biology 11, Math 11, English 12, and one Grade 12 science; CPR/first aid training
 Full-time/Part-time: Full-time only
 Program Length: Eighty-seven weeks total; includes forty-seven weeks lecture and forty weeks clinical/practical experience (Diploma); 128 weeks total; includes sixty-five weeks lecture and sixty-three weeks clinical/practical experience (B.S.N.)
 Entry Date(s): September
 Graduation Date(s): April (Diploma); August (B.S.N.)
 Campus Centre(s) Offered At: Kamloops and Williams Lake
 Comments: Cariboo offers both the Diploma portion and the B.S.N. portion of this program. The intake in Kamloops is 64 students per year, and in Williams Lake is 16 students per year. This program also has a Post-RN B.S.N. access option (please see the separate listing in the Post-basic Nursing Services section).

University College of the Fraser Valley

Credential Received: Diploma in Nursing or Bachelor of Science in Nursing (B.S.N.)
 Prerequisites: Grade Twelve with Chemistry 11, Math 11, Biology 12, and English 12; CPR/first aid training; volunteer experience in the field
 Full-time/Part-time: Full-time only
 Program Length: Three academic years total; includes 1190 hours lecture and 1597 hours clinical/practical experience (Diploma); four academic years total; includes 1438 hours lecture and 1997 hours clinical/practical experience (B.S.N.)
 Entry Date(s): September
 Graduation Date(s): June
 Campus Centre(s) Offered At: Chilliwack
 Comments: Fraser Valley will offer both the Diploma and the B.S.N. portion of this program. The first entrants into this new program were in September 1995. (Please see also the separate listing for the old Nursing - Diploma program later in this section, and the listing for the new Post-RN B.S.N. access option in the Post-basic Nursing Services section.)

Workforce Category Trained: Diploma Nurses
 Requirement(s) for Practice: Registration as a Registered Nurse (R.N.)
 with the Registered Nurses Association of B.C. -- required for
 employment

British Columbia Institute of Technology

Credential Received: Diploma
 Prerequisites: Grade Twelve (or GED or BTSD) with
 Chemistry 11, Math 11, English 12, and either
 Chemistry 12 or Biology 12; volunteer
 experience in the field
 Full-time/Part-time: Full-time only
 Program Length: Five semesters total
 Entry Date(s): January and August
 Graduation Date(s): January and June
 Campus Centre(s) Offered At: Burnaby campus
 Comments: The second year enrolments include an
 additional number of students who have
 transferred into the B.C.I.T. program after
 completing their first year at College of the
 Rockies. Some students may take basic health
 science courses via distance education during the
 summer to lighten their load during the academic
 year.

College of New Caledonia

Credential Received: Diploma
 Prerequisites: Grade Twelve with Chemistry 12,
 Biology 12, and English 12; EMAT also required
 Full-time/Part-time: Full-time only
 Program Length: Eighty-six weeks total
 Entry Date(s): September (Prince George);
 December (Quesnel)
 Graduation Date(s): December (Prince George); May
 (Quesnel)
 Campus Centre(s) Offered At: Prince George,
 Quesnel
 Comments: The second year enrolments in 1994/95
 and 1995/96 include an additional number of
 students who have transferred into this program
 after completing their first year at Northern
 Lights College. If approved, this program will be
 phased out and the Combined RN/BSN program
 will replace it in September 1996.

College of the Rockies (East Kootenay C.C.)

Credential Received: Transfer to B.C.I.T. to
 complete Diploma
 Prerequisites: Grade Twelve with Chemistry 11,
 Math 11, Biology 12, English 12; CPR/first aid
 training; volunteer experience in the field for
 very young applicants
 Full-time/Part-time: Full-time only
 Program Length: Thirty-eight weeks total; includes
 nineteen weeks lecture and nineteen weeks
 clinical/practical experience
 Entry Date(s): January
 Graduation Date(s): December (exit from C.O.T.R.)
 Campus Centre(s) Offered At: Cranbrook
 Comments: Students complete one year at the
 College of the Rockies and then transfer to
 B.C.I.T. to complete the program, so no graduate
 numbers are given.

Douglas College

Credential Received: Diploma
 Prerequisites: Grade Twelve with Math 11, English
 12, and Biology 11 or 12; or a mature student
 with English 12 or equivalent; CPR/first aid
 training
 Full-time/Part-time: Full-time only
 Program Length: Twenty-eight months total;
 includes twenty to thirty hours per week lecture,
 and a total of 1533 hours clinical/practical
 experience
 Entry Date(s): March and September
 Graduation Date(s): January and June
 Campus Centre(s) Offered At: New Westminster
 Comments: None

... continued

Kwantlen College

Credential Received: Diploma

Prerequisites: Two Grade 11 sciences, or one Grade 12 science, or one college or university science; Grade Twelve, or 19 years old with four college or university level courses; CPR/first aid training; CAT test (Level 19)

Full-time/Part-time: Both full-time and part-time

Program Length: Twenty-six months total full-time; four academic years total part-time

Entry Date(s): August

Graduation Date(s): May and December

Campus Centre(s) Offered At: Surrey

Comments: The full-time students graduate in December, while the part-time students graduate in May. This program will be replaced in September 1996 with the Combined RN/BSN program (please see the separate listing earlier in this section).

Northern Lights College

Credential Received: Transfer to the College of New Caledonia to complete Diploma

Prerequisites: Grade Twelve with Math 11, Chemistry 12, Biology 12, English 12; CPR/first aid training; volunteer experience recommended

Full-time/Part-time: Both full-time and part-time

Program Length: One academic year total full-time

Entry Date(s): September

Graduation Date(s): Not applicable

Campus Centre(s) Offered At: Dawson Creek

Comments: This is the last year for this program. Students completed their first year at Northern Lights College and then transferred to the College of New Caledonia to complete their Diploma. Northern Lights will offer the Combined RN/BSN program beginning September 1996 (please see the separate listing earlier in this section).

Northwest Community College

Credential Received: Diploma

Prerequisites: Grade Twelve with Chemistry 12, Biology 12, and English 12

Full-time/Part-time: Both full-time and part-time
Program Length: Twenty-two and a half months total full-time

Entry Date(s): December

Graduation Date(s): April

Campus Centre(s) Offered At: Terrace

Comments: Intake into this program was discontinued as of December 1994. The last graduates will be in April 1996.

University College of the Fraser Valley

Credential Received: Diploma

Prerequisites: Grade Twelve with Chemistry 11, Math 11, Biology 12, and English 12; CPR/first aid training; volunteer experience in the field

Full-time/Part-time: Full-time only

Program Length: Five semesters total; includes 587 hours lecture and 1528 hours clinical/practical experience

Entry Date(s): January and August

Graduation Date(s): May and December

Campus Centre(s) Offered At: Chilliwack

Comments: This program was replaced by the new Combined RN/BSN program in September 1995 (please see the separate listing earlier in this section). The last graduates from this program are expected in December 1996.

Workforce Category Trained: Diploma or Baccalaureate Nurses
 Requirement(s) for Practice: Registration as a Registered Nurse (R.N.)
 with the Registered Nurses Association of B.C. -- required for
 employment

Douglas College

Credential Received: Diploma
 Prerequisites: Completion of a Practical or
 Psychiatric Nursing program; current License as
 an LPN or Registration as an RPN; eight months
 work experience in the last three years; CPR/first
 aid training
 Full-time/Part-time: Full-time only
 Program Length: Fifty-six weeks total; includes 569
 hours lecture and 1169 hours clinical/practical
 experience
 Entry Date(s): January and May
 Graduation Date(s): June and December
 Campus Centre(s) Offered At: New Westminster
 Comments: The students in this program enter into
 Semester III of the regular Nursing Diploma
 program at Douglas College. The graduates of
 this program are included with the Diploma
 program graduates.

Okanagan University College

Credential Received: Diploma in Nursing or
 Bachelor of Science in Nursing (B.S.N.)
 Prerequisites: Completion of Practical Nursing
 program; current Licensure as an LPN; CPR/first
 aid training; Math competency test; college or
 university level English 111/121 or 110/140,
 Biology 113/123, and two other college or
 university level courses
 Full-time/Part-time: Full-time only
 Program Length: Nineteen months total (Diploma);
 thirty months total (B.S.N.)
 Entry Date(s): May
 Graduation Date(s): April (Diploma) and June
 (B.S.N.)
 Campus Centre(s) Offered At: K.L.O. campus
 Comments: Students spend May to June and a Fall
 semester in a "Bridge-In" and then join the
 regular Combined RN/BSN program in the
 fourth semester. After the initial entrance, data
 on these students are included with the
 Combined program data. In 1995/96, one
 student had previously completed the "Bridge-In"
 and entered the Combined program directly;
 otherwise there were insufficient applicants to
 run an access program.

PRACTICAL NURSING

Workforce Category Trained: Practical Nurses
 Requirement(s) for Practice: Licensure as a Licensed Practical Nurse
 (L.P.N.) with the B.C. Council of Licensed Practical Nurses --
 required for employment

College of the Rockies (East Kootenay C.C.)

Credential Received: Certificate
 Prerequisites: Grade Twelve with Biology 11
 (recommend Biology 12), and English 12;
 CPR/first aid training; typing; volunteer
 experience in the field
 Full-time/Part-time: Full-time only
 Program Length: Fifty-one weeks total; includes
 thirty-six weeks lecture and fifteen weeks
 clinical/practical experience
 Entry Date(s): February (1994, 1995), May (1996)
 Graduation Date(s): February/March (1995, 1996),
 May (1997)
 Campus Centre(s) Offered At: Cranbrook
 Comments: In February 1994 East Kootenay had a
 special intake of twenty-two rather than sixteen
 students because they picked up some students
 from Selkirk College when the Practical Nursing
 program at Selkirk was cancelled.

Malaspina University College

Credential Received: Certificate
 Prerequisites: Math 10, and English 11; CPR/first
 aid training
 Full-time/Part-time: Full-time only
 Program Length: Twelve months total; includes
 twenty-nine weeks lecture and twenty weeks
 clinical/practical experience
 Entry Date(s): September
 Graduation Date(s): August
 Campus Centre(s) Offered At: Nanaimo; Powell
 River (January 1995)
 Comments: There was a special E.I.C.-funded
 contract program run for ten students in Powell
 River from January 1995 to December 1995. The
 number of seats in the regular program offering
 in Nanaimo is expected to increase from thirty to
 thirty-five in September 1996.

Okanagan University College

Credential Received: Certificate
 Prerequisites: Grade Twelve with Biology 12;
 CPR/first aid training
 Full-time/Part-time: Full-time only
 Program Length: Twelve months total; includes four
 and a half months lecture and seven and a half
 months clinical/practical experience
 Entry Date(s): August (1994), September (1995 →)
 Graduation Date(s): June (1995), August (1996 →)
 Campus Centre(s) Offered At: KLO campus in
 Kelowna
 Comments: This is the first year of a new curriculum
 for this program. The curriculum is a more self-
 directed learning model. The first four months
 include core courses taken with other health care
 students. A community component and a
 preceptorship have been added to the program as
 well. E.I.C. funds approximately five seats per
 intake.

Vancouver Community College

Credential Received: Certificate
 Prerequisites: Grade Twelve or GED, with Biology
 11; English assessment test; CPR/first aid
 training
 Full-time/Part-time: Full-time only
 Program Length: Forty-eight weeks total; includes
 nineteen and a half weeks lecture and twenty-
 eight and a half weeks clinical/practical
 experience
 Entry Date(s): January and September
 Graduation Date(s): December and August
 Campus Centre(s) Offered At: City Centre
 Comments: V.C.C. accepts the first forty applicants
 who meet the entrance requirements, they do not
 select candidates. E.I.C. funds approximately
 five to eight seats per intake.

Workforce Category Trained: Practical Nurses

Requirement(s) for Practice: None specific to this program, students must also complete the final semester of the Practical Nursing program prior to licensing as a Licensed Practical Nurse (L.P.N.) with the B.C. Council of Licensed Practical Nurses -- required for employment

Vancouver Community College

Credential Received: None, see comments

Prerequisites: Grade Twelve or GED; Resident Care Attendant certificate or Home Support/Resident Care Attendant certificate; current employment in the field

Full-time/Part-time: Full-time only

Program Length: Fifteen weeks total; includes seven and a half weeks lecture and seven and a half weeks clinical/practical experience

Entry Date(s): January

Graduation Date(s): April

Campus Centre(s) Offered At: City Centre

Comments: This is a new program offering. Upon completion of this program students are eligible to apply to enter the final semester of the Practical Nursing program at V.C.C. As students do not formally graduate until they complete the final semester of the Practical Nursing program and a practicum, no graduate numbers are given for this program. The college accepts the first ten applicants who meet the entrance requirements for this program, they do not select candidates.

PSYCHIATRIC NURSING

Workforce Category Trained: Psychiatric Nurses

Requirement(s) for Practice: Registration as a Registered Psychiatric Nurse (R.P.N.) with the Registered Psychiatric Nurses Association of B.C. -- required for employment

Douglas College

Credential Received: Diploma

Prerequisites: Grade Twelve or GED, with Biology 11 or 12, and one other Grade 11 or 12 science (applicants without Grade Twelve or G.E.D. are assessed individually); CPR/first aid training; volunteer experience in the field

Full-time/Part-time: Full-time only

Program Length: Ninety weeks total; includes 1040 hours lecture and 1249 hours clinical/practical experience

Entry Date(s): January and September

Graduation Date(s): April and December

Campus Centre(s) Offered At: New Westminster

Comments: None

NURSING SERVICES
BASIC Level Health Programs in British Columbia
by Program and Institution

Program and Educational Institution:	FT / PT	1994/95							1995/96							1996/97						
		Applicants: M F	Enrolment (by year):				Graduates: M F		Applicants: M F	Enrolment (by year):				Graduates: M F		Applicants: M F	Enrolment (by year):					Graduates: M F
			1st M F	2nd M F	3rd M F	4th M F				1st M F	2nd M F	3rd M F	4th M F				1st M F	2nd M F	3rd M F	4th M F	5th M F	
Nursing -- Baccalaureate																						
Trinity Western University ¹	FT	n/a	n/a	n/a	- -	- -	- -	- -	12 30	6 22	2 30	0 25	- -	- -	- -	n/a	10 25	n/a	n/a	n/a	- -	n/a
Univ. of British Columbia	FT	n/a	8 82	3 112	5 92	0 59	0 92		n/a	5 87	5 57	4 95	3 51	5 95		n/a	n/a	n/a	n/a	n/a	- -	n/a
	PT	n/a	1 19	1 4	0 8	5 40			n/a	0 22	0 11	3 23	0 45			n/a	n/a	n/a	n/a	n/a	- -	n/a
Nursing -- Combined RN/BSN																						
Camosun College ²	FT	n/a	12 64	10 101	5 50	- -	12 (D)		n/a	13 80	13 56	9 98	- -	17 (D)		n/a	12 82	10 72	10 50	- -	- -	n/a
	PT	n/a	2 10	0 5	0 0	- -	0 (D)		n/a	1 2	0 1	0 6	- -	0 (D)		n/a	1 2	0 1	0 1	- -	- -	n/a
Kwantlen University College																						
Combined RN/BSN program	FT				*							*				10 152	2 40	- -	- -	- -	- -	- -
Old Diploma program ¹	FT	12 108	5 31	1 25	1 24	- -	1 24	9 152	2 30	5 26	0 24	- -	0 24	0 0	0 0	0 0	0 0	1 28	5 27	- -	- -	5 27
	PT	4 42	1 28	1 22	1 19	0 22	0 22	6 33	3 26	1 22	0 20	1 13	1 13	0 0	0 0	0 0	0 0	2 23	1 22	0 20	- -	0 20
Langara College ³																						
Combined RN/BSN program	FT	218	17 94	8 38	- -	- -	- -	198	15 81	16 75	3 31	- -	0 0	n/a	n/a	21 99	16 80	14 44	- -	- -	- -	4 20
Old Diploma program	FT	0 0	0 0	0 0	n/a	- -	8 95				*								*			
Malaspina University College ^{2,4}	FT	n/a	3 29	3 31	0 24	- -	3 (D)	n/a	4 23	2 27	3 26	0 30	5 (D)	n/a	n/a	6 30	4 21	2 25	1 30	0 30	- -	n/a
	PT	n/a	0 0	0 0	0 0	- -		n/a	0 0	0 2	0 1	0 10		n/a	n/a	n/a	0 1	0 5	0 10	- -	- -	n/a
North Island College ²	B	3 20	0 19	3 12	- -	- -	- -	0 20	0 18	0 18	1 12	- -	9 (D)	0 20	n/a	n/a	n/a	- -	- -	- -	- -	n/a
Northern Lights College																						
Combined RN/BSN program	FT				*						*					n/a	n/a	- -	- -	- -	- -	- -
Old Diploma program ⁵	B	2 18	1 11	- -	- -	- -	- -	1 16	0 11	- -	- -	- -	- -	0 0	0 0	0 0	- -	- -	- -	- -	- -	- -
Okanagan University College ^{2,6}	B	299	4 58	6 54	7 49	- -	28 (D) 0 (B)	241	7 49	4 41	6 52	4 21	32 (D) 25 (B)	n/a	n/a	56	56	45	26	- -	- -	20-25 (D) 26 (B)
Selkirk College																						
Combined RN/BSN program	FT	97	5 25	- -	- -	- -	- -	53	1 15	3 15	- -	- -	- -	50	n/a	n/a	n/a	- -	- -	- -	- -	n/a
Old Diploma program	FT	0 0	0 0	5 26	5 22	- -	5 22	0 0	0 0	0 0	4 25	- -	4 24					*				
Univ. College of the Cariboo ²	FT	n/a	10 51	3 39	8 62	- -	22 (D)	11 113	4 59	6 50	3 34	5 40	17 (D) 21 (B)	10 110	4 52	5 54	6 55	2 22	- -	- -	- -	n/a
Univ. College of the Fraser Valley																						
Combined RN/BSN program	B	3 43			*			2 47	0 32	- -	- -	- -	- -	5 45	32	0 32	- -	- -	- -	- -	- -	- -
Old Diploma program	FT	0 0	2 14	4 45	2 23	- -	2 22	0 0	0 0	3 27	3 26	- -	3 26	0 0	0 0	0 0	2 14	- -	- -	- -	- -	2 14
Nursing -- Diploma																						
B. C. Institute of Technology ¹	FT	80 535	11 92	8 101	9 91	- -	9 90	82 455	11 85	10 100	7 96	- -	7 96	80 480	9 87	11 87	11 98	- -	- -	- -	- -	11 98
College of New Caledonia ⁷	FT	4 87	4 48	3 68	- -	- -	5 36	5 45	0 23	5 38	- -	- -	2 46	n/a	0 0	n/a	- -	- -	- -	- -	- -	n/a
College of the Rockies (EKCC) ⁵	FT	2 14	2 12	- -	- -	- -	- -	3 18	1 13	- -	- -	- -	- -	n/a	n/a	- -	- -	- -	- -	- -	- -	- -

Prepared by:
Health Human Resources Unit
The University of British Columbia

... continued

NURSING SERVICES
BASIC Level Health Programs in British Columbia
by Program and Institution

		1994/95								1995/96								1996/97													
Program and Educational Institution:	FT / PT	Applicants: M F	Enrolment (by year):								Graduates: M F	Applicants: M F	Enrolment (by year):								Graduates: M F	Applicants: M F	Enrolment (by year):								Graduates: M F
			1st M F	2nd M F	3rd M F	4th M F	1st M F	2nd M F	3rd M F	4th M F			1st M F	2nd M F	3rd M F	4th M F	5th M F														
Nursing – Diploma (continued)																															
Douglas College ⁸	FT	124	10	86	9	85	-	-	-	-	98	n/a	12	82	12	78	-	-	-	-	104	n/a	96	128	-	-	-	-	129		
Northwest Comm. College	B	0	0	0	0	0	12	0	12	-	-	0	0	0	0	0	11	-	-	0	11	*									
Nursing Access																															
Douglas College ⁹	FT	n/a	4	12	n/a	-	-	-	-	-	n/a	5	15	n/a	-	-	-	-	-	n/a	n/a	n/a	-	-	-	-	-	-			
Okanagan University College ⁶	B	14	1	7	-	-	-	-	-	-	n/a	0	0	-	-	-	-	-	-	n/a	9	-	-	-	-	-	-	-			
Practical Nursing																															
College of the Rockies (EKCC)	FT	0	16	0	16	-	-	-	-	0	15	1	15	-	-	-	-	-	0	13	2	14	2	14	-	-	-	-	1	15	
Malaspina University College	FT	n/a	1	39	-	-	-	-	0	19	n/a	3	27	-	-	-	-	-	3	35	n/a	0	35	-	-	-	-	-	0	35	
Okanagan University College	FT	5	21	5	21	-	-	-	-	2	17	5	21	-	-	-	-	-	4	20	n/a	6	20	-	-	-	-	-	4	20	
Vancouver Comm. College	FT	n/a	12	70	-	-	-	-	7	47	n/a	18	63	-	-	-	-	-	8	49	n/a	10	70	-	-	-	-	-	7	51	
Practical Nursing Access																															
Vancouver Comm. College ¹⁰	FT					*				n/a	9	-	-	-	-	-	-	-	n/a	4	6	-	-	-	-	-	-	-	-		
Psychiatric Nursing																															
Douglas College	FT	n/a	8	54	10	59	-	-	-	12	60	n/a	14	52	6	52	-	-	-	9	57	n/a	n/a	n/a	-	-	-	-	n/a		

" n/a " Data not available (or not supplied).

" - " Data not appropriate or not applicable.

" * " Program did not exist, or no longer exists.

¹ The August entrants for this program are included as though they entered in September, i.e. the August 1994 entrants are listed under 1994/95.

² The type of credential received by graduates is indicated by (D) for Diploma and (B) for B.S.N.

³ The data presented are based on a fiscal (April to March) rather than academic (September to August) year, with the enrolment numbers calculated as of December 31 of each year. Therefore the graduates listed for 1994/95 include the April 1994, August 1994 and December 1994 (last class from the old Diploma program) graduates. There are no graduates listed for 1995/96 as there were no graduating classes between April 1995 and March 1996. The graduates listed under 1996/97 include the first Diploma graduates from the new program expected in April 1996 (24 graduates) and the August 1996 graduates (no estimate).

⁴ The 4th year enrolment in 1995/96 and 1996/97 includes both continuing BSN and Post-RN students. The first BSN graduates are expected in December 1996.

⁵ Students transfer(ed) to complete Diploma, therefore no graduate numbers are given.

⁶ Access students are included in the data for the Combined RN/BSN program after they complete their bridge-in.

⁷ The 2nd year enrolment includes transfer students from Northern Lights College. No intake into this Diploma program is planned for 1996/97; they are waiting approval to offer the Combined Diploma/BSN program instead.

⁸ The graduate numbers for this program include the Access students. The 1996/97 second year enrolment provided is an estimate of the Fall 1996 enrolment.

⁹ The Access students are included in the graduate data for the Diploma program. The enrolment data provided is incomplete, only the January entrants are listed.

¹⁰ Upon completion of this program students do not receive a credential, but are eligible to apply to transfer into the third semester of the regular Practical Nursing program, therefore no graduate numbers are given for this program.

XV. NURSING SERVICES
POST-BASIC LEVEL

ADVANCED DIPLOMA IN HEALTH SCIENCES (Nursing)

Workforce Category Trained: Specialised training in various areas
 Requirement(s) for Practice: None specific to the Advanced Diploma
 in Nursing. Registration as a Registered Nurse (RN) with the
 Registered Nurses Association of B.C. -- required for employment

British Columbia Institute of Technology

Credential Received: Advanced Diploma in Health Sciences
 Prerequisites: Nursing Diploma; RNABC practising registration;
 current employment in the field
 Full-time/Part-time: Full-time (clinical courses), part-time and
 distance education (theory courses)
 Program Length: Forty-five credits total; students usually take two
 to six years to complete the program
 Entry Date(s): January, April, and September
 Graduation Date(s): January and June
 Comments: This program is no longer being offered. The various
 specialty certificate programs (e.g. Emergency or Paediatric
 Nursing) are still available (see separate listings later in this
 section), and now lead into a new Bachelor of Technology in
 Nursing program to be offered in September 1996.

ADVANCED DIPLOMA IN PSYCHIATRIC NURSING

Workforce Category Trained: Registered Psychiatric Nurses and
 Registered Nurses with specialisation in Psychiatric Nursing
 Requirement(s) for Practice: None specific to Advanced Psychiatric
 Nursing. Registration as a Registered Psychiatric Nurse (RPN)
 with the Registered Psychiatric Nurses Association of B.C. --
 required for employment

Douglas College

Credential Received: Advanced Diploma
 Prerequisites: Diploma in Nursing or Psychiatric Nursing; current
 registration as a RPN or a RN
 Full-time/Part-time: Distance education
 Program Length: All nine courses are available through distance
 education; students usually take two to five years to complete
 the program
 Entry Date(s): January and September
 Graduation Date(s): January and June
 Campus Centre(s) Offered At: New Westminster
 Comments: Students can concurrently register in the degree
 completion component of the Bachelor of Health Science in
 Psychiatric Nursing program offered by the Open Learning
 Agency.

Workforce Category Trained: Nurses in various specialisations
Requirement(s) for Practice: None specific to the Bachelor of Health Science. Registration as a Registered Nurse (RN) with the Registered Nurses Association of B.C. -- required for employment

Open Learning Agency

Credential Received: Bachelor of Health Science (B.H.Sc.) in Nursing
Prerequisites: Nursing Diploma; Advanced Diploma in Nursing (may be taken concurrently)
Full-time/Part-time: Distance education
Program Length: All ten courses are available through distance education
Entry Date(s): Continuous
Graduation Date(s): January, April, June, and September
Comments: There are currently 220 students enrolled and at various stages of completing the program requirements. As of August 31st 1995, the collaboration with B.C.I.T. (now granting it's own degrees) was dissolved and O.L.A. is no longer accepting new applicants to this program. All students currently in the program who wish to complete the program with O.L.A. may do so.

HEALTH SCIENCE -- Baccalaureate (Psychiatric Nursing)

Workforce Category Trained: Psychiatric Nurses
Requirement(s) for Practice: None specific to the Bachelor of Health Science. Registration as a Registered Psychiatric Nurse (RPN) with the Registered Psychiatric Nurses Association of B.C. -- required for employment

Open Learning Agency

Credential Received: Bachelor of Health Science (B.H.Sc.) in Psychiatric Nursing
Prerequisites: Psychiatric Nursing Diploma; Advanced Diploma in Psychiatric Nursing (may be taken concurrently)
Full-time/Part-time: Distance education
Program Length: All ten courses are available through distance education
Entry Date(s): Continuous
Graduation Date(s): January, April, June, and September
Comments: None

NURSING -- Post-RN Baccalaureate

Workforce Category Trained: Baccalaureate Nurses
 Requirement(s) for Practice: None specific to a Baccalaureate in Nursing. Registration as a Registered Nurse (RN) with the Registered Nurses Association of B.C. -- required for employment

Malaspina University College

Credential Received: Bachelor of Science in Nursing (B.S.N.)
 Prerequisites: Nursing Diploma; RNABC practising registration
 Full-time/Part-time: Both full-time and part-time
 Program Length: Approximately two years
 Entry Date(s): January
 Graduation Date(s): December
 Campus Centre(s) Offered At: Nanaimo
 Comments: Students in this program complete a "Bridge-In" semester, then join the Combined RN/BSN program in the Fall semester of year four (see also the separate listing for the Combined RN/BSN in the Basic Nursing Services section). The first Post-RN BSN students were admitted in January of 1995, and the first BSN graduates will be in December 1996. The data for the Post-RN BSN and continuing BSN students are combined (please see the listing for the Combined RN/BSN program in the table in the Basic Nursing Services section).

Okanagan University College

Credential Received: Bachelor of Science in Nursing (B.S.N.)
 Prerequisites: Nursing Diploma; RNABC practising registration; must meet University of Victoria English requirements
 Full-time/Part-time: Both full-time and part-time
 Program Length: Sixteen months total full-time
 Entry Date(s): September
 Graduation Date(s): June
 Campus Centre(s) Offered At: North Kelowna
 Comments: Students in this program complete a "Bridge-In" semester, then join the Combined RN/BSN program in semester VI (see also the separate listing for the Combined RN/BSN in the Basic Nursing Services section).

University College of the Cariboo

Credential Received: Bachelor of Science in Nursing (B.S.N.)
 Prerequisites: Nursing Diploma; RNABC practising membership; must meet University of Victoria admission requirements
 Full-time/Part-time: Both full-time and part-time
 Program Length: Fifty-two weeks total full-time; includes thirty-one weeks lecture and twenty-one weeks clinical/ practical experience
 Entry Date(s): January and September
 Graduation Date(s): June
 Campus Centre(s) Offered At: Kamloops and Williams Lake
 Comments: Students in this program complete a "Bridge-In" semester, then join the Combined RN/BSN program in year three (see also the separate listing for the Combined RN/BSN in the Basic Nursing Services section). Students may change their status from full-time to part-time and vice-versa.

University College of the Fraser Valley

Credential Received: Bachelor of Science in Nursing (B.S.N.)
 Prerequisites: Nursing Diploma; RNABC practising membership; work experience; English 105 or equivalent; CPR/first aid training
 Full-time/Part-time: Both full-time and part-time
 Program Length: Two years (1640 hours) total
 Entry Date(s): September
 Graduation Date(s): June
 Campus Centre(s) Offered At: Chilliwack
 Comments: One Post-RN access course was offered using a compressed time frame (seven days full-time) in the Fall of 1995. Another Post-RN access course is planned for March or April 1996 using the same delivery method. The number of Post-RN access courses to be delivered in 1996/97 will depend on future funding. There is currently a maximum of twenty-five students per course. (See the listing for Combined RN/BSN in the Basic Nursing Services section also.)

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University of British Columbia

Credential Received: Bachelor of Science in Nursing (B.S.N.)

Prerequisites: Grade Twelve or B.C. equivalency; Nursing Diploma; RNABC practising registration; CPR/first aid training

Full-time/Part-time: Full-time, part-time, and distance education

Program Length: Two academic years total full-time; includes integrated lecture and integrated clinical/practical experience

Entry Date(s): January, May, and September

Graduation Date(s): May and November

Comments: This program can be done in a combination of full-time, part-time and/or distance education.

University of Northern British Columbia

Credential Received: Bachelor of Science in Nursing (B.S.N.)

Prerequisites: Nursing Diploma; RNABC practising registration

Full-time/Part-time: Full-time, part-time, and distance education

Program Length: Four semesters total full-time; includes approximately three and a half semesters lecture and approximately half a semester clinical/practical experience

Entry Date(s): September or January

Graduation Date(s): May

Campus Centre(s) Offered At: Prince George (FT and PT), Quesnel (DE)

Comments: This program began in September 1994. At present they are offering two courses per semester to distance education students in Quesnel via video-conferencing. There are seven DE students currently enrolled in Quesnel and the plan is for these students to be able to complete their degree via video-conferencing or face-to-face in Quesnel.

University of Victoria

Credential Received: Bachelor of Science in Nursing (B.S.N.)

Prerequisites: Nursing Diploma and RNABC practising registration for RNs. Continuing students must meet University of Victoria undergraduate admission requirements and have completed semesters one to five of a Combined RN/BSN program at a community college.

Full-time/Part-time: Full-time, part-time, and distance education

Program Length: 1209 hours total; includes 273 hours lecture and 936 hours clinical/practical experience

Entry Date(s): January, May, and September

Graduation Date(s): May and November

Comments: There is no limit to the enrolment in the distance education (DE) program, but there is a limit of eighty students per intake for on-campus. The first group of students continuing on from colleges offering the first two years of the combined RN/BSN program entered the University of Victoria's BSN portion of the program in January 1995.

COMMUNITY HEALTH -- Master's

Workforce Category Trained: Health professionals with training in health policy, administration, education and research; Registered Nurses with enhanced clinical skills
Requirement(s) for Practice: None specific to this program.

University of Northern British Columbia

Credential Received: Master of Science (M.Sc.)

Prerequisites: Bachelor's degree with courses in statistics or biostatistics and research methodology. Students in the nursing stream require courses in nursing theory, health assessment, and community health nursing; RNABC practising registration

Full-time/Part-time: Both full-time and part-time

Program Length: Eight courses and completion of a thesis

Entry Date(s): January or September

Graduation Date(s): May or October

Campus Centre(s) Offered At: Terrace, Prince George, Quesnel

Comments: This is a new program which began in September 1994. Doctors, nurses, physical therapists, occupational therapists, nutritionists, health educators, health and social service administrators and others in the health field can take this interdisciplinary program to enhance their training in the areas of health policy, administration, education and research. There is also a nursing stream available which provides an opportunity for nurses to enhance their clinical skills. There have been no graduates from this program to date (January 1996).

Workforce Category Trained: Registered Nurses -- Clinical Specialists, Administrators, Educators
 Requirement(s) for Practice: None specific to a Master's in Nursing.
 Registration as a Registered Nurse (RN) with the Registered Nurses Association of B.C. -- required for employment

University of British Columbia

Credential Received: Master of Science in Nursing (M.S.N.)
 Prerequisites: Bachelor of Science in Nursing
 Full-time/Part-time: Both full-time and part-time
 Program Length: Twenty-four to sixty months
 Entry Date(s): September and January
 Graduation Date(s): May and November
 Comments: None

University of Victoria

Credential Received: Master of Nursing (M.N.)
 Prerequisites: Bachelor of Science in Nursing
 Full-time/Part-time: Both full-time and part-time
 Program Length: Two years total full-time, includes ten months of lectures; four years total part-time, includes two years of lectures
 Entry Date(s): September
 Graduation Date(s): May or November
 Comments: This program is a multidisciplinary Master's in Policy and Practice in Health and Social Sciences, offered by the Faculty of Human and Social Development. It focuses on work in one of two fields: Children and Families or Gerontology. Please see the listing in the Post-basic Human Services section for enrolment and graduate numbers.

NURSING -- Doctorate

Workforce Category Trained: Registered Nurse -- Researchers
 Requirement(s) for Practice: None specific to a Doctorate in Nursing.
 Registration as a Registered Nurse (RN) with the Registered Nurses Association of B.C. -- required for employment

University of British Columbia

Credential Received: Doctor of Philosophy (Ph.D.)
 Prerequisites: Master's degree in Nursing
 Full-time/Part-time: Full-time only
 Program Length: Forty-eight to seventy-two months
 Entry Date(s): September
 Graduation Date(s): May or November
 Comments: None

CRITICAL CARE NURSING SPECIALTY

Workforce Category Trained: Critical Care Nurses
 Requirement(s) for Practice: None specific to Critical Care Nursing.
 Registration as a Registered Nurse (RN) with the Registered
 Nurses Association of B.C. -- required for employment

British Columbia Institute of Technology

Credential Received: Specialty Certificate in Critical Care
 Nursing
 Prerequisites: Nursing Diploma; CPR/first aid training; one to two
 years experience
 Full-time/Part-time: Distance education (clinical courses are
 completed on a full-time basis)
 Program Length: Six courses total (four theory and two clinical);
 students usually take three to six years to complete the
 program
 Entry Date(s): March, August, and December
 Graduation Date(s): March, June, and December
 Comments: There is a maximum FTE of seventy-five students
 for the first theory course.

EMERGENCY NURSING SPECIALTY

Workforce Category Trained: Emergency Nurses
 Requirement(s) for Practice: None specific to Emergency Nursing.
 Registration as a Registered Nurse (RN) with the Registered
 Nurses Association of B.C. -- required for employment

British Columbia Institute of Technology

Credential Received: Specialty Certificate in Emergency Nursing
 Prerequisites: Nursing Diploma; CPR/first aid training; two years
 acute care nursing experience
 Full-time/Part-time: Full-time, part-time, and distance education
 Program Length: 613 hours total; includes 245 hours lecture and
 368 hours clinical/practical experience. All seven courses are
 available through distance education (DE); students usually
 take two to five years to complete the program through DE
 Entry Date(s): January, April, September
 Graduation Date(s): Continuous
 Comments: None

Workforce Category Trained: Neonatal Nurses
Requirement(s) for Practice: None specific to Neonatal Nursing.
Registration as a Registered Nurse (RN) with the Registered
Nurses Association of B.C. -- required for employment

British Columbia Institute of Technology

Credential Received: Specialty Certificate in Neonatal Nursing
Prerequisites: Nursing Diploma; RNABC practising registration;
CPR/first aid training
Full-time/Part-time: Distance education (clinical courses are
completed on a full-time basis)
Program Length: Eight courses total (five theory and three
clinical); students usually take two to three years to complete
the program
Entry Date(s): January, April, and September
Graduation Date(s): March, June, and November
Comments: The completion rates are low because many students
take these courses as continuing education rather than as part
of a certificate program.

NEPHROLOGY NURSING SPECIALTY

Workforce Category Trained: Nephrology Nurses
Requirement(s) for Practice: Certification in Nephrology Nursing with
the Canadian Nurses Association (C.N.A.) is available upon
completion of the program. Registration as a Registered Nurse
(RN) with the Registered Nurses Association of B.C. -- required
for employment

British Columbia Institute of Technology

Credential Received: Specialty Certificate in Nephrology Nursing
Prerequisites: Nursing Diploma; two years work experience
Full-time/Part-time: Distance education (clinical courses are
completed on a full-time basis)
Program Length: Eight courses total (six theory and two clinical);
students usually take three to six years to complete the
program
Entry Date(s): January, April, and September
Graduation Date(s): Continuous
Comments: This program was first offered in September 1993,
and there have been no graduates to date.

NEUROSCIENCES NURSING SPECIALTY

Workforce Category Trained: Neuroscience Nurses
 Requirement(s) for Practice: None specific to Neurosciences Nursing.
 Registration as a Registered Nurse (RN) with the Registered
 Nurses Association of B.C. -- required for employment

British Columbia Institute of Technology

Credential Received: Specialty Certificate in Neurosciences
 Nursing
 Prerequisites: Nursing Diploma; CPR/first aid training; current
 employment in the field
 Full-time/Part-time: Full-time, part-time and distance education
 Comments: Delivery of this program is on hold pending
 completion of curriculum development of the new B.C.I.T.
 Bachelor of Technology in Nursing program.

OBSTETRICAL NURSING SPECIALTY

Workforce Category Trained: Obstetrical Nurses
 Requirement(s) for Practice: None specific to Obstetrical Nursing.
 Registration as a Registered Nurse (RN) with the Registered
 Nurses Association of B.C. -- required for employment

British Columbia Institute of Technology

Credential Received: Specialty Certificate in Obstetrical Nursing
 Prerequisites: Nursing Diploma; two years acute care nursing
 experience; CPR/first aid training; typing
 Full-time/Part-time: Distance education (clinical courses are
 completed on a full-time basis)
 Program Length: Thirty-six weeks part-time lecture and thirteen
 weeks full-time clinical/ practical experience; six courses total
 (three theory and three clinical); students usually take eighteen
 to twenty-four months to complete the program
 Entry Date(s): January, April, and September
 Graduation Date(s): January, April, and September
 Comments: None

Workforce Category Trained: Occupational Health Nurses
 Requirement(s) for Practice: Certification as a Certified Occupational Health Nurse (Canada) - C.O.H.N.(C) with the Canadian Nurses Association (C.N.A.) is available upon completion of the program.
 Registration as a Registered Nurse (RN) with the Registered Nurses Association of B.C. -- required for employment

British Columbia Institute of Technology

Credential Received: Specialty Certificate in Occupational Health Nursing

Prerequisites: Nursing Diploma

Full-time/Part-time: Distance education (clinical courses are completed on a full-time basis)

Program Length: Twelve courses total (nine theory and three clinical); students usually take up to three years to complete the program

Entry Date(s): January, April, and September

Graduation Date(s): Continuous

Comments: Students register on a course by course basis.

OPERATING ROOM NURSING SPECIALTY

Workforce Category Trained: Operating Room Nurse
 Requirement(s) for Practice: None specific to Operating Room Nursing. Registration as a Registered Nurse (RN) with the Registered Nurses Association of B.C. -- required for employment

British Columbia Institute of Technology

Credential Received: Specialty Certificate in Operating Room Nursing

Prerequisites: Nursing Diploma; current employment in the field; CPR/first aid training

Full-time/Part-time: Distance education (clinical courses are completed on a full-time basis)

Program Length: 818 hours total, includes 182 hours lecture and 636 hours clinical/practical experience; eight courses total (four theory and four clinical); students usually take up to two to six years to complete the program

Entry Date(s): January, April, and September

Graduation Date(s): Continuous

Comments: Students can challenge the first theory course. The yearly intake is usually seventy-five students (twenty-five students per term). Students often spend one to two years consolidating their basic OR skills before returning to complete the advanced level.

St. Paul's Hospital

Credential Received: Diploma in Operating Room Nursing

Prerequisites: Grade Twelve; Nursing Diploma; minimum one year experience; CPR/first aid training

Full-time/Part-time: Full-time only

Program Length: 457 hours lecture and 518 hours clinical/practical experience

Entry Date(s): Varies

Graduation Date(s): Varies

Comments: None

PAEDIATRIC CRITICAL CARE NURSING SPECIALTY

Workforce Category Trained: Paediatric Critical Care Nurses
 Requirement(s) for Practice: None specific to Paediatric Critical Care Nursing. Registration as a Registered Nurse (RN) with the Registered Nurses Association of B.C. -- required for employment

British Columbia Institute of Technology

Credential Received: Specialty Certificate in Paediatric Critical Care Nursing

Prerequisites: Nursing Diploma; RNABC practising registration

Full-time/Part-time: Distance education (clinical courses are completed on a full-time basis)

Program Length: Seven courses total (five theory and two clinical); students usually take two to three years to complete the program

Entry Date(s): January, April, and September

Graduation Date(s): March, June, and November

Comments: The completion rates are low because many students take these courses as continuing education rather than as part of a certificate program.

PAEDIATRIC NURSING SPECIALTY

Workforce Category Trained: Paediatric Nurses
 Requirement(s) for Practice: None specific to Paediatric Nursing. Registration as a Registered Nurse (RN) with the Registered Nurses Association of B.C. -- required for employment

British Columbia Institute of Technology

Credential Received: Specialty Certificate in Paediatric Nursing

Prerequisites: Nursing Diploma; RNABC practising registration

Full-time/Part-time: Distance education (clinical courses are completed on a full-time basis)

Program Length: Seven courses total (five theory and two clinical); students usually take two to three years to complete the program

Entry Date(s): January, April, and September

Graduation Date(s): March, June, and November

Comments: The completion rates are low because many students take these courses as continuing education rather than as part of a certificate program.

Workforce Category Trained: Post-Anaesthetic Recovery Nurses
 Requirement(s) for Practice: None specific to Post-Anaesthetic
 Recovery Nursing. Registration as a Registered Nurse (RN) with
 the Registered Nurses Association of B.C. -- required for
 employment

British Columbia Institute of Technology

Credential Received: None, as this is not a complete Specialty
 Certificate
 Prerequisites: Nursing Diploma
 Full-time/Part-time: Distance education (clinical courses are
 completed on a full-time basis)
 Program Length: Five courses total (three theory and two
 clinical); students usually take a minimum of eighteen months
 to complete the program
 Entry Date(s): March, August, and December
 Graduation Date(s): March, June, and December
 Comments: None

NURSING REFRESHER

Workforce Category Trained: Registered Nurses
 Requirement(s) for Practice: Registration as a Registered Nurse (RN)
 with the Registered Nurses Association of B.C. -- required for
 employment

Kwantlen College

Credential Received: Citation
 Prerequisites: Nursing Diploma; CPR/first aid
 training; must be eligible for registration with the
 RNABC
 Full-time/Part-time: Distance education (clinical
 course is completed on a full-time basis)
 Program Length: Two courses total (one theory and
 one clinical); students usually require six to eight
 months to complete the program
 Entry Date(s): January and September
 Graduation Date(s): Continuous
 Campus Centre(s) Offered At: Surrey
 Comments: The clinical course is one month in
 duration.

Malaspina University College

Credential Received: Certificate
 Prerequisites: Nursing Diploma; eligible for
 registration with the RNABC
 Full-time/Part-time: Both full-time and part-time
 Program Length: Five to eight months total full-time
 Entry Date(s): September
 Graduation Date(s): Varies
 Campus Centre(s) Offered At: Nanaimo
 Comments: This program was not offered in either
 1994 or 1995 due to insufficient enrolment.
 Malaspina receives many requests for the
 program, but often students do not commit by
 actually registering for the program and therefore
 Malaspina has had to cancel both the 1994 and
 the 1995 offerings.

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Open Learning Agency

Credential Received: Not applicable

Prerequisites: Nursing Diploma; CPR/first aid training;
assessment by RNABC

Full-time/Part-time: Distance education

Program Length: Two courses total; students usually require up to
six months to complete the program

Entry Date(s): Continuous

Graduation Date(s): Continuous

Comments: Students must complete the first course before
enrolling in the second course. There is no limit to the
enrolment in this program.

NURSING REFRESHER -- E.S.L.

Workforce Category Trained: Registered Nurses

Requirement(s) for Practice: Registration as a Registered Nurse (RN)
with the Registered Nurses Association of B.C. -- required for
employment

Kwantlen College

Credential Received: Certificate

Prerequisites: Registered Nurse in country of origin; require letter
from RNABC stating eligibility

Full-time/Part-time: Full-time only

Program Length: Thirty-eight weeks total; includes twenty-six
weeks lecture and twelve weeks clinical/practical experience

Entry Date(s): September

Graduation Date(s): May

Campus Centre(s) Offered At: Surrey

Comments: The majority of applicants do not meet admission
requirements, as English levels are too low at time of
application. The number of seats funded by E.I.C. varies from
year to year (in 1995 they funded three seats).

Workforce Category Trained: Practical Nurses
Requirement(s) for Practice: Licensure as a Licensed Practical Nurse
(L.P.N.) with the B.C. Council of Licensed Practical Nurses --
required for employment

Malaspina University College

Credential Received: Recommendation for Licensure
by B.C.C.L.P.N.

Prerequisites: Completion of a Practical Nursing
program; recommendation of B.C.C.L.P.N.

Full-time/Part-time: Both full-time and part-time

Program Length: Two weeks lecture and six weeks
clinical/practical experience

Entry Date(s): Varies

Graduation Date(s): Varies

Campus Centre(s) Offered At: Nanaimo

Comments: This program is only offered when a
healthy waiting list accrues. It was not offered in
1994/95 or 1995/96. Malaspina was unable to
predict if the program will be offered next year
(1996/97).

Vancouver Community College

Comments: This program is no longer offered.

PSYCHIATRIC NURSING REFRESHER

Workforce Category Trained: Psychiatric Nurses
Requirement(s) for Practice: Registered Psychiatric Nurse
(R.P.N.) with the Registered Psychiatric Nurses
Association of B.C. -- required for employment

Douglas College

Credential Received: Diploma

Prerequisites: Psychiatric Nursing Diploma

Comments: This program was not offered in either
1994/95 or 1995/96. The next expected offering will
be in 1996/97.

NURSING SERVICES
POST-BASIC Level Health Programs in British Columbia
by Program and Institution

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NURSING SERVICES
POST-BASIC Level Health Programs in British Columbia
by Program and Institution

		1994/95								1995/96								1996/97																			
Program and Educational Institution:	FT / PT	Applicants:		Enrolment (by year):								Graduates:		Applicants:		Enrolment (by year):								Graduates:		Applicants:		Enrolment (by year):								Graduates:	
		M	F	1st	2nd	3rd	4th	5th	Graduates:	M	F	1st	2nd	3rd	4th	5th	Graduates:	M	F	1st	2nd	3rd	4th	5th	Graduates:	M	F	1st	2nd	3rd	4th	5th	Graduates:				
Nursing -- Doctorate																																					
Univ. of British Columbia	FT	n/a		n/a		n/a		n/a		n/a	0	10	0	2	0	2	0	3	0	3	0	2	0	0	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a				
Critical Care Nursing Speciality																																					
B. C. Institute of Technology ⁶	DE	10	65			n/a			0	5	10	65			n/a			0	20	n/a			n/a									n/a					
Emergency Nursing Speciality																																					
B. C. Institute of Technology ⁷	FT	n/a		n/a	-	-	-	-	n/a		n/a	25	-	-	-	-	-	-	-	32	n/a	24-36	-	-	-	-	-	-	-	-	24-36						
	PT	n/a		n/a		n/a			n/a		n/a		402 course registrations					24	n/a		350-500 course registrations					n/a											
Neonatal Nursing Speciality																																					
B. C. Institute of Technology	DE	0	43	0	43	-	-	-	-	0	7	0	55	0	55	-	-	-	-	-	0	7	0	45	0	45	-	-	-	-	-	0	10				
Nephrology Nursing Speciality																																					
B. C. Institute of Technology	DE	35		35	-	-	-	-	0		36	36	-	-	-	-	-	-	0	36	36	-	-	-	-	-	-	-	-	-	6						
Obstetrical Nursing Speciality																																					
B. C. Institute of Technology	B/DE	0	15	0	60	-	-	-	-	0	17	0	15	0	60	-	-	-	-	-	0	20	0	15	0	60	-	-	-	-	-	0	32				
Occupational Health Nursing Speciality																																					
B. C. Institute of Technology ⁸	DE	n/a		1	36	1	25	-	-	-	0	8	n/a	1	40	1	22	-	-	-	-	1	12	n/a	1	29	1	20	-	-	-	0	9				
Operating Room Nursing Speciality																																					
B. C. Institute of Technology	B/DE	n/a		3	74	-	-	-	-	0	8	n/a	4	98	-	-	-	-	-	0	12	n/a	8	99	-	-	-	-	-	-	1	13					
St. Paul's Hospital	FT	n/a		2	17	-	-	-	-	1	15	1	20	0	8	-	-	-	-	-	n/a	n/a	16	-	-	-	-	-	-	-	n/a						
Paediatric Critical Care Nursing Speciality																																					
B. C. Institute of Technology	DE	0	7	0	7	-	-	-	-	0	3	1	13	1	13	-	-	-	-	-	0	1	0	16	0	16	-	-	-	-	-	0	4				
Paediatric Nursing Speciality																																					
B. C. Institute of Technology	DE	0	23	0	23	-	-	-	-	0	1	0	18	0	18	-	-	-	-	-	0	1	1	30	1	30	-	-	-	-	-	0	5				
Post-Anaesthetic Recovery Room Nursing																																					
B. C. Institute of Technology	DE	0	3	0	3	-	-	-	-	0	3	0	3	0	3	-	-	-	-	-	0	3	n/a	n/a	n/a	-	-	-	-	-	-	n/a					

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NURSING SERVICES
POST-BASIC Level Health Programs in British Columbia
by Program and Institution

		1994/95								1995/96								1996/97																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
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" n/a " Data not available (or not supplied).

" - " Data not appropriate or not applicable.

" * " Program did not exist, or no longer exists.

¹ The enrolment data are FTE's. This program is no longer offered, a new Bachelor of Technology will be offered beginning in September 1996.

² The enrolment data given are an approximation of the total number of students enrolled in the Fall.

³ The enrolment data listed under 1995/96 are the total number of students currently enrolled in this program; they are at various stages of degree completion. No new students will be accepted into this program as of August 31, 1995. Students currently in the program can complete their degree with OLA or complete their degree through BCIT's new Bachelor of Technology program.

⁴ The enrolment data given are course registrations and not the number of students; only two courses are currently available.

⁵ The 1994 enrolments are listed under 1994/95, and the 1995 enrolments are listed under 1995/96. The graduates listed under 1994/95 are as of November 1995. The graduates listed under 1995/96 are the May 1996 graduates. The 1994 enrolment numbers include continuing students who are transfers from the colleges offering the Combined RN/BSN program; the 1995 enrolment numbers do not include continuing students (as they join the program in January 1996).

⁶ The applicant numbers given relate to FTE's. Enrolment is difficult to provide as students take courses on a part-time basis.

⁷ The data listed under 1994/95 are for 1994, and under 1995/96 are for 1995 etc. The part-time enrolment numbers are course registrations not students.

⁸ The enrolment numbers are course registrations not the number of students.

XVI. NUTRITION AND DIETARY SERVICES

BASIC LEVEL

DIETETICS -- Baccalaureate

Workforce Category Trained: Dietitians, Nutritionists
 Requirement(s) for Practice: Registered Dietitian/Nutritionist (R.D.N.)
 with the Canadian Dietetic Association (following a one year post-
 baccalaureate internship) -- not required for employment, but often
 requested by employers

University of British Columbia

Credential Received: Bachelor of Science (B.Sc.) in Dietetics
 Prerequisites: Grade Twelve with Chemistry 11, Physics 11,
 English 12, Math 12
 Full-time/Part-time: Both full-time and part-time
 Program Length: Thirty-two months (four academic years) total
 full-time
 Entry Date(s): September
 Graduation Date(s): May
 Comments: None

HUMAN NUTRITION -- Baccalaureate

Workforce Category Trained: Nutritionists
 Requirement(s) for Practice: None

University of British Columbia

Credential Received: Bachelor of Science (B.Sc.)
 Prerequisites: Grade Twelve with Chemistry 12, Biology 12,
 Physics 12, and Math 12
 Full-time/Part-time: Full-time only
 Program Length: Four academic years total
 Entry Date(s): September
 Graduation Date(s): May and November
 Comments: Students do not declare their major until their second
 or third year, so no data is provided for the first year of this
 program.

NUTRITION & FOOD SERVICE MANAGEMENT

Workforce Category Trained: Food Service Supervisors, Food Service Managers, Food Service Technicians, Dietetic Technicians, Dietary Technicians

Requirement(s) for Practice: None

Langara College

Credential Received: Diploma

Prerequisites: Grade Twelve; field experience in food services

Full-time/Part-time: Full-time only

Program Length: 1482 hours (two academic years) total; includes 1092 hours lecture and 390 hours clinical/practical experience

Entry Date(s): September

Graduation Date(s): May

Comments: None

NUTRITION AND DIETARY SERVICES
BASIC Level Health Programs in British Columbia
by Program and Institution

Program and Educational Institution:	FT / PT	1994/95								1995/96								1996/97							
		Applicants: M F	Enrolment (by year):										Graduates: M F	Applicants: M F	Enrolment (by year):										Graduates: M F
			1st M F	2nd M F	3rd M F	4th M F	5th M F	1st M F	2nd M F	3rd M F	4th M F	5th M F			1st M F	2nd M F	3rd M F	4th M F	5th M F						
Dietetics -- Baccalaureate Univ. of British Columbia	B	n/a	5 19	3 41	2 39	2 30	- -	32	≈350	1 15	6 34	3 47	3 34	- -	37	n/a	10	45	6 34	3 47	- -	n/a			
Human Nutrition -- Baccalaureate Univ. of British Columbia ¹	FT	n/a	- -	2 12	8 24	3 17	1 1	2 16	n/a	- -	1 18	4 26	4 24	1 1	4 20	n/a	- -	4 20	5 25	5 25	1 2	4 22			
Nutrition & Food Service Management Langara College	FT	47	21	17	- -	- -	- -	n/a	45	20	16	- -	- -	- -	n/a	60	24	19	- -	- -	- -	n/a			

" n/a " Data not available (or not supplied). " - " Data not appropriate or not applicable.

¹ Students do not declare their major until second or third year, thus no data is provided for first year enrolment in this program.

XVII. NUTRITION AND DIETARY SERVICES
POST-BASIC LEVEL

HUMAN NUTRITION -- Master's

Workforce Category Trained: Nutritionists
Requirement(s) for Practice: None

University of British Columbia

Credential Received: Master of Science (M.Sc.)
Prerequisites: Bachelor's degree
Full-time/Part-time: Full-time only
Program Length: Twenty-four months
Entry Date(s): September
Graduation Date(s): May
Comments: None

HUMAN NUTRITION -- Doctorate

Workforce Category Trained: Nutritionists
Requirement(s) for Practice: None

University of British Columbia

Credential Received: Doctor of Philosophy (Ph.D.)
Prerequisites: Master's degree
Full-time/Part-time: Full-time only
Program Length: Thirty-six months
Entry Date(s): September
Graduation Date(s): May
Comments: None

NUTRITION AND DIETARY SERVICES
POST-BASIC Level Health Programs in British Columbia
by Program and Institution

Program and Educational Institution:	FT / PT	1994/95							1995/96							1996/97															
		Applicants:	Enrolment (by year):								Grad-uates:	Applicants:	Enrolment (by year):								Grad-uates:	Applicants:	Enrolment (by year):								Grad-uates:
			1st		2nd		3rd		4th				1st		2nd		3rd		4th				1st		2nd		3rd		4th		
			M	F	M	F	M	F	M	F			M	F	M	F	M	F	M	F			M	F	M	F	M	F	M	F	
Human Nutrition -- Master's Univ. of British Columbia	FT	10	20	0	2	1	10	-	-	-	-	1	5	n/a	n/a	n/a	-	-	-	-	n/a	n/a	n/a	n/a	n/a	n/a	-	-	-	-	n/a
Human Nutrition -- Doctorate Univ. of British Columbia	FT	2	2	0	0	0	1	0	0	0	0	0	1	n/a		n/a					n/a	n/a			n/a					n/a	

" n/a " Data not available (or not supplied).

" - " Data not appropriate or not applicable.

XVIII. PHARMACEUTICAL SERVICES

BASIC LEVEL

PHARMACOLOGY -- Baccalaureate

Workforce Category Trained: Technicians -- Drug Testing,
 Pharmaceutical, Regulatory Agencies, Toxicological
 Requirement(s) for Practice: None

University of British Columbia

Credential Received: Bachelor of Science (B.Sc.)

Prerequisites: Grade Twelve with Math 12, Biology 12,
 Chemistry 12, Physics 12, and English 12

Full-time/Part-time: Full-time only

Program Length: Four academic years total (two in
 Sciences and two in Pharmacology); plus twelve
 months practical experience for students in the Co-
 op program

Entry Date(s): September

Graduation Date(s): May

Comments: Students complete their first two years in
 Sciences then enter the Pharmacology program. The
 class size is limited (eighteen students per year) by
 the space available in laboratories. The new Co-op
 component will increase the total required time by
 one year (practical experience).

PHARMACY -- Baccalaureate

Workforce Category Trained: Pharmacists
 Requirement(s) for Practice: Certification by the Pharmacy Examining
 Board of Canada and Licensing and Registration with the College
 of Pharmacists of B.C. -- required for employment

University of British Columbia

Credential Received: Bachelor of Science in Pharmacy
 (B.Sc. (Pharm.))

Prerequisites: One year college or university

Full-time/Part-time: Full-time only

Program Length: Four academic years total; includes ten weeks
 clinical/practicum

Entry Date(s): September

Graduation Date(s): May and November

Comments: None

PHARMACY TECHNICIAN

Workforce Category Trained: Pharmacy Technicians, Pharmacy
Technical Assistants
Requirement(s) for Practice: None

University College of the Fraser Valley

Credential Received: Certificate
Prerequisites: Grade Twelve with Chemistry 12,
Math 12, English 12; typing
Full-time/Part-time: Part-time only
Program Length: 324 hours total; includes 204 hours
lecture and 120 hours clinical/practical
experience
Entry Date(s): September
Graduation Date(s): July
Comments: This is the first time this program has
been included in *PRODUCTION*. The program
is offered by the Continuing Education
department. The maximum enrolment increased
from eighteen to twenty students in 1995.

West Coast College of Health Care

Credential Received: Certificate
Prerequisites: Grade Twelve with Biology 11, Math
11, and English 11; good communication and
interpersonal skills
Full-time/Part-time: Full-time only
Program Length: Twenty-eight weeks total; includes
twenty-four weeks lecture and four weeks
clinical/practical experience
Entry Date(s): March and September
Graduation Date(s): September and April
Campus Centre(s) Offered At: Surrey
Comments: The four week practicum consists of two
weeks in a community/retail pharmacy, and two
weeks in a hospital pharmacy.

Vancouver Community College

Credential Received: Certificate
Prerequisites: Grade Twelve; typing
Full-time/Part-time: Full-time only
Program Length: Twenty-two weeks total; includes
seventeen weeks lecture and five weeks
clinical/practical experience
Entry Date(s): March and September
Graduation Date(s): August and March
Campus Centre(s) Offered At: King Edward campus
Comments: They sometimes have students funded by
E.I.C.

PHARMACEUTICAL SERVICES
BASIC Level Health Programs in British Columbia
by Program and Institution

Program and Educational Institution:	FT / PT	1994/95								1995/96								1996/97													
		Applicants: M F	Enrolment (by year):								Graduates: M F	Applicants: M F	Enrolment (by year):								Graduates: M F	Applicants: M F	Enrolment (by year):								Graduates: M F
			1st M F	2nd M F	3rd M F	4th M F	1st M F	2nd M F	3rd M F	4th M F			1st M F	2nd M F	3rd M F	4th M F	1st M F	2nd M F	3rd M F	4th M F											
Pharmacology -- Baccalaureate Univ. of British Columbia ¹	FT	≈ 85	- -	- -	9 9	8 15	8 15	≈ 85	- -	- -	8 10	8 9	8 9	≈ 85	- -	- -	9 9	8 10	n/a												
Pharmacy -- Baccalaureate Univ. of British Columbia	FT	≈ 535	60 80	41 84	50 74	52 55	112	≈ 593	51 85	55 81	42 82	49 70	119	≈ 600	n/a	51 85	55 81	42 82	n/a												
Pharmacy Technician Univ. College of the Fraser Valley	PT	n/a	2 17	- -	- -	- -	2 11	n/a	2 18	- -	- -	- -	2 16	n/a	n/a	- -	- -	- -	n/a												
Vancouver Community College	FT	6 30	6 30	- -	- -	- -	4 29	10 30	10 30	- -	- -	- -	10 30	10 30	10 30	- -	- -	- -	10 30												
West Coast College of Health Care ²	FT	n/a	2 13	- -	- -	- -	1 6	8 26	5 19	- -	- -	- -	2 9	10 30	5 21	- -	- -	- -	3 19												

" n/a " Data not available (or not supplied).

" - " Data not appropriate or not applicable.

¹ Students enter the Pharmacology program after two years in the Science program.

² The applicant numbers given are based on calendar year rather than academic year, with the 1995 applicants listed under 1995/96, and the 1996 applicants listed under 1996/97.

XVIX. PHARMACEUTICAL SERVICES
POST-BASIC LEVEL

PHARMACEUTICAL SCIENCE -- Master's

Workforce Category Trained: Pharmacologists, Toxicologists,
Medicinal Chemists, Pharmaceuticals, Clinical Pharmacists
Requirement(s) for Practice: None

University of British Columbia

Credential Received: Master of Science (M.Sc.)
Prerequisites: Bachelor's degree
Full-time/Part-time: Both
Program Length: Two to two and a half years
Entry Date(s): September or January
Graduation Date(s): May and November
Comments: There have been no part-time students in
recent years.

PHARMACEUTICAL SCIENCE -- Doctorate

Workforce Category Trained: Professors, Scientists, Administrators,
Pharmacologists, Toxicologists, Medicinal Chemists, and Clinical
Pharmacists
Requirement(s) for Practice: None

University of British Columbia

Credential Received: Doctor of Philosophy (Ph.D.)
Prerequisites: Bachelor's degree
Full-time/Part-time: Full-time only
Program Length: Approximately five years
Entry Date(s): September or January
Graduation Date(s): May and November
Comments: None

PHARMACY -- Doctorate

Workforce Category Trained: Clinical Pharmacists, Teachers (Clinical Pharmacy), Administrators (Hospital Pharmacy)
Requirement(s) for Practice: None specific to this program.
Certification by the Pharmacy Examining Board of Canada and
Licensing and Registration with the College of Pharmacists of B.C.
-- required for employment

University of British Columbia

Credential Received: Doctor of Pharmacy (Pharm.D.)
Prerequisites: B.Sc. (Pharm.); license to practice pharmacy from a
pharmacy regulatory body; experience in practice and/or
residency training desirable
Full-time/Part-time: Full-time only
Program Length: Twenty months total; includes eight months
lecture and twelve months clinical/practical experience
Entry Date(s): September
Graduation Date(s): May
Comments: None

PHARMACEUTICAL SERVICES
POST-BASIC Level Health Programs in British Columbia
by Program and Institution

		1994/95									1995/96									1996/97								
Program and Educational Institution:	FT / PT	Applicants: M F	Enrolment (by year):						Graduates: M F	Applicants: M F	Enrolment (by year):						Graduates: M F	Applicants: M F	Enrolment (by year):						Graduates: M F			
			1st M F	2nd M F	3rd M F	4th M F	5th M F	1st M F			2nd M F	3rd M F	4th M F	5th M F	1st M F	2nd M F			3rd M F	4th M F	5th M F							
Pharmaceutical Science -- Master's Univ. of British Columbia	B	n/a	n/a	n/a	- -	- -	- -	3 4	n/a	5 2	8 6	- -	- -	- -	n/a	n/a	n/a	n/a	- -	- -	- -	n/a						
Pharmaceutical Science -- Doctorate Univ. of British Columbia	FT	n/a			n/a			4 0	n/a	2 1	6 2	5 3	2 1	1 2	n/a	n/a			n/a			n/a						
Pharmacy -- Doctorate Univ. of British Columbia	FT	12 13	3 3	4 2	- -	- -	- -	4 2	8 14	2 4	3 3	- -	- -	- -	3 3	12 12	3 3	2 4	- -	- -	- -	2 4						

" n/a " Data not available (or not supplied). " - " Data not appropriate or not applicable.

XX. REHABILITATION SERVICES

BASIC LEVEL

Workforce Category Trained: Speech-Language Pathologists, Audiologists
 Requirement(s) for Practice: Registration with the B.C. Association of
 Speech/Language Pathologists and Audiologists, and Certification with
 the Canadian Association of Speech/Language Pathologists and
 Audiologists -- not required for employment, but often requested by
 employers

University of British Columbia

Credential Received: Master of Science (M.Sc.)
 Prerequisites: Bachelor's degree in linguistics or psychology,
 including a minimum of five of the prerequisite and core
 curriculum courses; volunteer experience in the field
 Full-time/Part-time: Both full-time and part-time
 Program Length: Thirteen to twenty-nine months lecture and
 seven months clinical/practical experience
 Entry Date(s): September
 Graduation Date(s): May and October
 Comments: The length of time spent in the program depends on
 undergraduate preparation.

MASSAGE THERAPY

Workforce Category Trained: Massage Therapists
 Requirement(s) for Practice: Registration as a Registered Massage Therapist
 (R.M.T.) with the College of Massage Therapists of B.C. -- required for
 employment

Okanagan Valley College of Massage Therapy

Credential Received: Diploma
 Prerequisites: Grade Twelve with Chemistry 12,
 Biology 12, and English 12; Introduction to
 Massage Therapy course; first year college or
 university Biology course
 Full-time/Part-time: Full-time only
 Program Length: Two years total; of which fifty
 percent is lecture and fifty percent is clinical/
 practical experience
 Entry Date(s): September
 Graduation Date(s): June
 Campus Centre(s) Offered At: Vernon
 Comments: This program began in September 1994.
 The September 1996 intake will be into an
 expanded three year (3000 hour) program, and
 will require first year college or university
 Biology as a prerequisite.

West Coast College of Massage Therapy

Credential Received: Diploma
 Prerequisites: Grade Twelve with Biology 12 and
 Chemistry 12 (will require 1st year university-
 level Biology in September 1997); Introduction to
 Massage Therapy workshop; TOEFL or TWE for
 E.S.L. students
 Full-time/Part-time: Full-time only
 Program Length: Seventy-five weeks total; includes
 1215 hours lecture and 1319 hours clinical/
 practical experience
 Entry Date(s): January, April, and September
 (currently); January and September (as of
 September 1996)
 Graduation Date(s): April, August, and December
 (until August 1997)
 Campus Centre(s) Offered At: Vancouver
 Comments: As of April 1996, this program
 increased in length to a total of 104 weeks, which
 includes 1000 hours of lecture and 2100 hours of
 clinical/ practical experience (includes 600 hours
 practicum). The first class to enter the new three
 year program began in April 1996.

Workforce Category Trained: Music Therapists
Requirement(s) for Practice: Music Therapy Accreditation (M.T.A.) from the Canadian Association for Music Therapy -- not required for employment, but often requested by employers

Capilano College/Open Learning Agency

Credential Received: Bachelor of Music Therapy
Prerequisites: Two years college or university in Music and Psychology; volunteer experience in the field; proficiency in music performance; clinical suitability
Full-time/Part-time: Full-time only
Program Length: Two years lecture and six months (1000 hours) clinical/practical experience
Entry Date(s): September
Graduation Date(s): Varies
Campus Centre(s) Offered At: Capilano College
Comments: Students must complete a 1000 hour internship at the end of their fourth year, prior to graduation.

OCCUPATIONAL THERAPY -- Baccalaureate

Workforce Category Trained: Occupational Therapists
Requirement(s) for Practice: Certification as an Occupational Therapist (O.T. (C)) with the Canadian Association of Occupational Therapists, and Registration as a Registered Occupational Therapist (Reg. O.T. (BC)) with the B.C. Society of Occupational Therapists -- not required for employment, but often requested by employers

University of British Columbia

Credential Received: Bachelor of Science in Occupational Therapy (B.Sc. (O.T.))
Prerequisites: Grade Twelve; one year college or /university including Biology, English, Psychology, Sociology or Anthropology, Statistics, and Chemistry (recommended); CPR/first aid training; seventy hours volunteer or work experience in the field
Full-time/Part-time: Full-time only
Program Length: Ninety-eight weeks total; includes sixty-five weeks lecture and thirty-two weeks clinical/practical experience
Entry Date(s): September
Graduation Date(s): May or November
Comments: Adjustment to part-time status may be available if necessary, but there is no "part-time" program.

PHYSICAL THERAPY -- Baccalaureate

Workforce Category Trained: Physical Therapists

Requirement(s) for Practice: Registration as a Physical Therapist with the College of Physical Therapists of B.C. -- required for employment

University of British Columbia

Credential Received: Bachelor of Science in Physical Therapy
(B.Sc. (P.T.))

Prerequisites: Grade Twelve with Physics 11; one year college or university including Biology, Chemistry, English, Psychology, and Statistics; CPR/first aid training; seventy hours volunteer or work experience in the field

Full-time/Part-time: Full-time only

Program Length: Ninety-six weeks total; includes sixty-two weeks lecture and thirty-four weeks clinical/practical experience

Entry Date(s): September

Graduation Date(s): May or November

Comments: Adjustment to part-time status may be available if necessary, but there is no "part-time" program.

**PROSTHETICS & ORTHOTICS TECHNOLOGY**

Workforce Category Trained: Orthotists, Prosthetists

Requirement(s) for Practice: Certified Orthotist or Certified Prosthetist with the Canadian Board of Certification for Prosthetists and Orthotists (following a twenty-two month post-graduate internship) -- not required for employment, but often requested by employers

British Columbia Institute of Technology

Credential Received: Diploma

Prerequisites: Grade Twelve with Physics 11, English 12, and Math 12

Full-time/Part-time: Full-time

Program Length: Seventy weeks total; includes sixty-three weeks lecture and seven weeks clinical/practical experience

Entry Date(s): September of even years

Graduation Date(s): June of even years

Campus Centre(s) Offered At: Burnaby campus

Comments: This program is jointly funded by British Columbia, Alberta, and Saskatchewan. Students from these provinces are accepted into the program on a quota basis.

Workforce Category Trained: Activity Aides, Physiotherapy Aides,
Occupational Therapy Aides
Requirement(s) for Practice: None

Okanagan University College

Credential Received: Certificate
Prerequisites: Grade Twelve with English 12 or
L.P.I. score of 24/40 or better, and Biology 12 is
recommended; CPR/first aid training; thirty
hours volunteer experience in the field
Full-time/Part-time: Full-time only
Program Length: Ten months total
Entry Date(s): September
Graduation Date(s): June
Campus Centre(s) Offered At: K.L.O. campus
(Kelowna)
Comments: Further information on this program was
not supplied

West Coast College of Health Care

Credential Received: Certificate
Prerequisites: Grade Twelve with Biology 11 and
English 11; good communication and
interpersonal skills; strength for lifts and
transfers
Full-time/Part-time: Full-time only
Program Length: Thirty-four weeks total; includes
twenty-eight weeks lecture and six weeks
clinical/practical experience
Entry Date(s): September, January and/or May
Graduation Date(s): May and October
Campus Centre(s) Offered At: Surrey
Comments: This program has two three week
practica.

THERAPEUTIC RECREATION

Workforce Category Trained: Recreation Therapists, Special Needs Co-
ordinators, Activity Directors
Requirement(s) for Practice: Student Level, Associate Level, or Practitioner
Level with the B.C. Recreation & Parks Association, Recreation
Integration Branch -- not required for employment

Douglas College

Credential Received: Diploma
Prerequisites: Out of school for more than one year; minimum age
of nineteen; forty-five hours volunteer experience in the field;
writing skills assessment
Full-time/Part-time: Both full-time and part-time
Program Length: Sixty weeks total full-time includes forty-five
weeks lecture and fifteen weeks clinical/practical experience;
four years total part-time includes 106 weeks lecture and
fifteen weeks clinical/practical experience
Entry Date(s): September
Graduation Date(s): January and June
Campus Centre(s) Offered At: New Westminster
Comments: There is an employment requirement prior to
registration at the Associate or Practitioner level, but not for
the Student level. This program is offered once per year on a
full-time basis and once every two years on a part-time basis.

REHABILITATION SERVICES
BASIC Level Health Programs in British Columbia
by Program and Institution

		1994/95										1995/96										1996/97																					
Program and Educational Institution:	FT / PT	Applicants:		Enrolment (by year):										Graduates:		Applicants:		Enrolment (by year):										Graduates:		Applicants:		Enrolment (by year):										Graduates:	
		M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F		
Audiology & Speech Sciences -- Master's																																											
Univ. of British Columbia	B	128		0	26	1	21	1	7	0	5	0	0	1	24	129	1	26	0	24	0	3	0	0	0	1	2	41	130	1	25	1	25	0	3	0	0	0	0	1	17		
Massage Therapy																																											
Okanagan Valley College of Massage Therapy ¹	FT	n/a		9	29	-	-	-	-	-	-	-	-	-	-	n/a	14	30	9	29	-	-	-	-	-	-	38	n/a	n/a	n/a	0	0	-	-	-	-	-	-	0	0			
West Coast College of Massage Therapy	FT	84	249	66	172	52	169	-	-	-	-	-	-	30	85	97	221	55	139	56	108	-	-	-	-	-	35	112	35	110	36	106	50	161	-	-	-	-	-	-	49	159	
Music Therapy -- Baccalaureate																																											
Capilano College/ Open Learning Agency	FT	7	30	-	-	-	-	3	12	2	14	-	-	1	13	7	25	-	-	-	-	3	11	2	15	-	2	14	15	25	-	-	-	-	4	16	4	14	-	-	4	13	
Occupational Therapy -- Baccalaureate																																											
Univ. of British Columbia	FT	217		-	-	4	31	8	29	5	29	-	-	5	29	32	166	-	-	5	31	3	29	8	29	-	8	29	210	-	-			n/a			-	-		n/a			
Physical Therapy -- Baccalaureate																																											
Univ. of British Columbia	FT	n/a		-	-	14	21	11	23	11	24	-	-	11	24	84	196	-	-	10	25	14	21	10	22	-	10	22	n/a	-	-			n/a			-	-		n/a			
Prosthetics & Orthotics Technology																																											
B.C. Institute of Technology ²	FT	73	42	7	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7	3	-	-	-	-	-	7	3	66	33	6	4	-	-	-	-	-	-	-	-			
Rehabilitation Assistant																																											
Okanagan University College	FT	n/a		n/a		-	-	-	-	-	-	-	-	n/a	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-	n/a	n/a	n/a	n/a	-	-	-	-	-	-	-	-	n/a				
West Coast College of Health Care ³	FT	10	22	4	15	-	-	-	-	-	-	-	-	5	10	10	24	3	11	-	-	-	-	-	-	-	5	18	8	24	4	12	-	-	-	-	-	-	-	3	11		
Therapeutic Recreation																																											
Douglas College ⁴	FT	n/a		4	23	1	23	-	-	-	-	-	-	n/a	n/a	2	25	n/a	-	-	-	-	-	-	-	n/a	n/a	4	23	n/a	-	-	-	-	-	-	-	-	n/a				
	PT	-	-	-	-	n/a	-	-	-	-	-	-	-	n/a	n/a	8	21	2	28	-	-	-	-	-	-	-	-	-	-	-	-	-	n/a	-	-	-	-	-	-	n/a			

" n/a " Data not available (or not supplied).

" - " Data not appropriate or not applicable.

" * " Program did not exist, or no longer exists.

¹ This program began in September 1994, thus there were no second year students or graduates in 1994/95. As of September 1996, this program will increase to three years in length.

² Students enter this program every second year in September of an even year (i.e. 1994) and graduate two years later in June of an even year (i.e. 1996).

³ The applicant numbers given are based on calendar year rather than academic year, with the 1994 applicants listed under 1994/95, and the 1995 applicants listed under 1995/96, etc.

⁴ This program is offered once every year on a full-time basis, and only once every second year on a part-time basis (no intake in 1994/95 or 1996/97).

Prepared by:
 Health Human Resources Unit
 The University of British Columbia

XXI. REHABILITATION SERVICES
POST-BASIC LEVEL

AUDIOLOGY & SPEECH SCIENCES -- Doctorate

Workforce Category Trained: Clinical and academic researchers in communication disorders
Requirement(s) for Practice: None

University of British Columbia

Credential Received: Doctor of Philosophy (Ph.D.)
Prerequisites: M.Sc. in Audiology & Speech Sciences or a related discipline
Full-time/Part-time: Both
Program Length: Variable, three to seven years
Entry Date(s): September
Graduation Date(s): May or November
Comments: None

HEALTH SCIENCE -- Baccalaureate (Physical Therapy)

Workforce Category Trained: Physical Therapists in senior practice positions
Requirement(s) for Practice: None specific to this program. Prior Registration as a Physical Therapist with the College of Physical Therapists of B.C. -- required for employment as a physical therapist

Open Learning Agency

Credential Received: Bachelor of Health Science (B.H.Sc.) in Physical Therapy
Prerequisites: Three year Diploma in Physical Therapy; current Registration with the College of Physical Therapists of B.C. or eligibility to write the Physical Therapy National Examinations
Full-time/Part-time: Distance education
Program Length: Twelve out of twelve courses are available through distance education; the amount of time students take to complete the program varies
Entry Date(s): Continuous
Graduation Date(s): January, April, June, and September
Comments: None

Workforce Category Trained: Researchers in Rehabilitation Sciences
Requirement(s) for Practice: None

University of British Columbia

Credential Received: Master of Science (M.Sc.)

Prerequisites: Bachelor's degree in either Physical Therapy or
Occupational Therapy preferred, or a related professional
degree; statistics/research methods course; one year of
experience in a rehabilitation setting

Full-time/Part-time: Both

Program Length: Two years

Entry Date(s): September

Graduation Date(s): May or November

Comments: The maximum enrolment each year is five students.

REHABILITATION SERVICES
POST-BASIC Level Health Programs in British Columbia
by Program and Institution

Program and Educational Institution:	FT / PT	1994/95							1995/96							1996/97																
		Applicants: M F	Enrolment (by year):								Applicants: M F	Enrolment (by year):								Applicants: M F	Enrolment (by year):								Grad- uates: M F			
			1st		2nd		3rd		4th			1st		2nd		3rd		4th			1st		2nd		3rd		4th					
			M	F	M	F	M	F	M	F		M	F	M	F	M	F	M	F		M	F	M	F	M	F	M	F				
Audiology & Speech Sciences -- Doctorate Univ. of British Columbia	B	n/a	0	1	0	0	0	1	0	0	n/a	n/a	0	3	0	1	0	0	0	1	n/a	n/a						n/a				
Health Science -- Baccalaureate (Physiotherapy) Open Learning Agency ¹	DE	n/a	-	-	-	-	-	-	n/a	0	2	2	14	-	-	-	-	-	-	n/a	0	2	3	19	-	-	-	-	-	n/a	0	4
Rehabilitation Sciences -- Master's Univ. of British Columbia	FT PT	n/a n/a	1	1	n/a	-	-	-	-	0	0	n/a n/a	0	4	1	1	-	-	-	-	2	n/a n/a	n/a n/a	n/a n/a	-	-	-	-	-	-	n/a n/a	

" n/a " Data not available (or not supplied).

" - " Data not appropriate or not applicable.

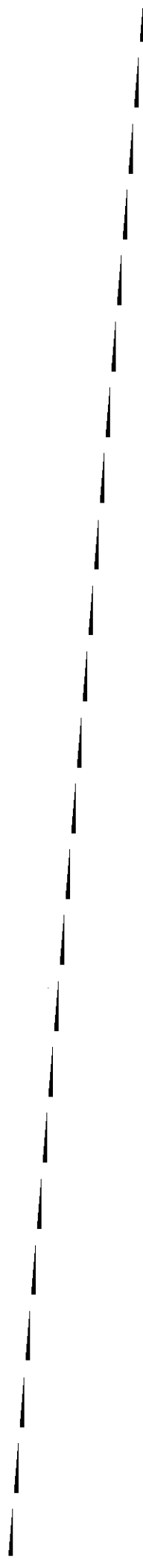
¹ Accurate records of enrolment data were not available.

APPENDICES



APPENDIX A

RESIDENTS AND ROTATING INTERNS



APPENDIX A
Residents, by Specialty by Resident Level,
in British Columbia, July 15, 1995 ¹

Specialty	Resident Level							Unknown	Total
	Level I	Level II	Level III	Level IV	Level V	Level VI	Level VII		
Anaesthesia	6	13	5	14	8	0	0	0	46
Anatomical Pathology	1	1	1	1	6	0	0	0	10
Cardiology	0	0	0	0	4	6	0	0	10
Cardiothoracic Surgery	0	0	0	0	0	2	1	0	3
Community Medicine	0	0	2	2	3	0	0	0	7
Critical Care	0	0	0	0	1	1	2	0	4
Dermatology	1	1	0	2	4	0	0	0	8
Diagnostic Radiology	4	9	2	3	5	0	0	0	23
Emergency Medicine	2	5	3	1	1	0	0	0	12
Endocrinology	0	0	0	0	1	0	0	0	1
Gastroenterology	0	0	0	0	1	1	0	0	2
General Pathology	5	3	5	2	4	0	0	0	19
General Practice	47	39	3	0	0	0	0	0	89
General Surgery	6	2	5	6	3	4	0	0	26
Geriatric Medicine	0	0	0	2	0	1	0	0	3
Haematological Pathology	0	1	0	1	1	0	0	0	3
Haematology	0	0	0	2	2	5	0	0	9
Infectious Diseases	0	0	0	1	2	2	0	0	5
Internal Medicine	23	14	9	25	4	0	0	0	75
Medical Biochemistry	0	0	0	0	1	0	0	0	1
Medical Microbiology	0	0	1	0	2	0	0	0	3
Medical Oncology	0	0	0	0	3	2	0	0	5
Nephrology	0	0	0	0	1	3	0	0	4
Neurology	1	3	2	3	4	0	0	0	13
Neuropathology	0	0	0	0	1	0	0	0	1
Neurosurgery	2	1	1	1	0	2	0	0	7
Nuclear Medicine	1	0	1	1	1	0	0	0	4
Ob. & Gyn./Oncology	0	0	0	0	0	0	1	0	1
Obstetrics & Gynaecology	5	5	7	5	4	0	2	0	28
Ophthalmology	2	2	1	2	3	0	0	0	10
Orthopaedic Surgery	2	4	3	3	4	3	0	0	19
Otolaryngology	3	2	2	2	1	1	0	0	11
Paed Neonatal/Perinatal M	0	0	0	1	2	1	0	0	4
Paed General Surgery	0	0	0	0	0	1	0	0	1
Paediatric Pathology	0	0	0	0	0	1	0	0	1
Paediatrics	8	4	1	10	6	0	0	0	29
Phys Medicine & Rehab	2	1	1	1	2	0	0	0	7
Plastic Surgery	1	1	1	1	2	1	0	0	7
Psychiatry	6	11	5	11	10	0	0	0	43
Radiation Oncology	2	2	2	5	1	0	1	0	13
Respiratory Medicine	0	0	0	0	3	2	0	0	5
Rheumatology	0	0	0	0	2	1	0	0	3
Urology	2	0	2	3	2	0	0	0	9
Vascular Surgery	0	0	0	0	1	2	0	0	3
TOTAL	132	124	65	111	106	42	7	0	587
Rotating Interns ²	0	1	0	0	0	0	0	0	1

¹ Source: Office of the Associate Dean, Postgraduate Medical Education, Faculty of Medicine, The University of British Columbia.

² Effective July 1, 1994 the one year rotating internship was replaced by a two year postgraduate clinical requirement in Canada. The "interns" are now included in the main table as residents in various specialities in Levels I and II. The Level II intern listed was an anomaly for this year only.

APPENDIX B

SUMMARY OF PROGRAM CHANGES

APPENDIX B

Summary of Program Changes

DISCONTINUED PROGRAMS:

<u>Service Area</u>	<u>Program</u>	<u>Institution</u>	<u>Type of Program</u>	<u>Length</u>	<u>Status</u>
Dental Services	Oral Radiology	Univ. of British Columbia	Certificate & Master's	33 months	Certificate component not currently offered
Human Services	Community Support Worker	Northern Lights College	Certificate	42 weeks	Not currently offered
	Home Support/Resident Care Att. Equivalency	Univ. College of the Cariboo	Certificate	n/a	Not currently offered
	Home Support/Resident Care Att. Upgrade	College of New Caledonia	Certificate	n/a	Not currently offered
	Home Support/Resident Care Att. Upgrade	Univ. College of the Cariboo	Certificate	n/a	Not currently offered
Laboratory Services	Health Science - Bacc. (Medical Imaging)	Open Learning Agency	Baccalaureate	n/a	Discontinued as of August 31,1995
	Medical Laboratory Refresher	B. C. Institute of Technolgy	Diploma	n/a	Not currently offered
	Medical Radiography Refresher	B. C. Institute of Technolgy	Diploma	n/a	Not currently offered
	Nuclear Medicine Techn. Refresher	B. C. Institute of Technolgy	Letter of retraining	4 months	Not currently offered
Nursing Services	Adv. Diploma in Health Sci. (Nursing)	B. C. Institute of Technolgy	Advanced Diploma	2-6 years	Discontinued
	Health Science - Bacc. (Nursing)	Open Learning Agency	Baccalaureate	n/a	Discontinued as of August 31,1995
	Neurosciences Nursing Specialty	B. C. Institute of Technolgy	Certificate	n/a	Not currently offered
	Nursing - Diploma	Northwest Comm. College	Diploma	22.5 months	Discontinued (last intake was September 1993)
	Nursing - Diploma	Univ. College of the Fraser Valley	Diploma	85 weeks	Replaced by Combined RN/BSN program
	Nursing Refresher	Malaspina Univ. College	Certificate	n/a	Not currently offered
	Practical Nursing Refresher	Malaspina Univ. College	None	8 weeks	Not currently offered
	Practical Nursing Refresher	Vancouver Comm. College	Certificate	n/a	Discontinued (last offered in 1993/94)
	Psychiatric Nursing Refresher	Douglas College	Diploma	n/a	Not currently offered
	Nursing Access	Okanagan Univ. College	Diploma/BSN	19-30 months	Not currently offered

APPENDIX B

Summary of Program Changes

NEW OR ADDED PROGRAMS:

<u>Service Area</u>	<u>Program</u>	<u>Institution</u>	<u>Type of Program</u>	<u>Length</u>	<u>Status</u>
Administrative Services	Dental Receptionist	Kwantlen Univ. College	Certificate		This is a new listing
	Nursing Unit Clerk	Kwantlen Univ. College	Certificate		This is a new listing
		Okanagan Univ. College	Certificate	405 hours	Program began in September 1994
		West Coast College of Health Care	Certificate	30 weeks	This is a new listing
Human Services	Children with Special Needs - Post-basic ECE	Kwantlen Univ. College	Citation	1 academic year	Program began in September 1994
	Counselling Skills	Kwantlen Univ. College	Certificate		This is a new listing
	Geriatric Activity Coordinator	Kwantlen Univ. College	Certificate		This is a new listing
	Home Support Attendant	Capilano College	Certificate	15 weeks	Program began in September 1994
	Human Service Worker	Kwantlen Univ. College	Certificate	10 months	Program began in September 1994
	Social Work - Baccalaureate	Univ. College of the Fraser Valley	Baccalaureate		Program began in
	Social Work - Master's	Univ. of Northern British Columbia	Master's	12-18 months	Program began in September 1995
Med. & Treatment Services	Dispensing Optician - Certificate	Douglas College	Certificate	38 weeks	Program began in September 1994
	Dispensing Optician - Diploma	Douglas College	Diploma	76 weeks	Program began in September 1995
	Genetic Counselling - Master's	Univ. of British Columbia	Master's	n/a	Program began in
Nursing Services	Community Health - Master's	Univ. of Northern British Columbia	Master's	2 years	Program began in September 1994
	Nursing - Combined RN/BSN	Univ. College of the Fraser Valley	Diploma/BSN	3 yrs/4 yrs	Replaced Diploma program in September 1995
	Nursing - Post RN Baccalaureate	Univ. College of the Fraser Valley	Baccalaureate	2 years	Program began in September 1995
	Practical Nursing Access	Vancouver Community College	None	15 weeks	Program began in January 1996
Pharmaceutical Services	Pharmacy Technical Assistant	Univ. College of the Fraser Valley	Certificate	324 hours	This is a new listing

APPENDIX C
SURVEY RESPONDENTS

APPENDIX C

Survey Respondents, by Service Area, Program, and Institution

<u>Service Area & Program</u>	<u>Institution</u>	<u>Survey Respondent</u>	<u>Position</u>
<u>Administrative Services -- Basic Level</u>			
Dental Reception	Kwantlen Univ. College	Lorraine Dotson*	Coordinator, Cont. Education
	Okanagan Univ. College	Vi Brett	Program Administrator
	Univ. College of the Fraser Valley	Bonnie Sigaty	Assistant Programmer
	Vancouver Community College	Sandra Bailey	Department Head
Health Information Sciences -- Bacc.	Univ. of Victoria	Paul Fisher	Director
Health Information Services	Douglas College	Laurie Kenward	Coordinator
Medical Dental Receptionist	Okanagan Univ. College	Gwen Petersen	Chair
Medical Office Assistant	B.C. Institute of Technology	Laura Davie*	Coordinator
	Camosun College	Mary Jane Spray*	Coordinator
	Capilano College	Betsy Smith	Convenor
	Douglas College	Beverly Dugas	Instructor
	Kwantlen Univ. College	Dolores Strukoff	Instructor
	Okanagan Univ. College	Vi Brett	Program Administrator
	Univ. College of the Cariboo	Jo-Anne Rohrmoser	Lead Instructor
	Univ. College of the Fraser Valley	Ron Coreau	Program Director
	Vancouver Community College	Edna Bartoshewski	Department Head
Medical Receptionist	North Island College	Cheryl Porter*	Instructor
Medical Secretary/Stenographer	Okanagan Univ. College	Gwen Petersen	Chair
	Vancouver Community College	Edna Bartoshewski	Department Head
Medical Transcriptionist	Vancouver Community College	Edna Bartoshewski	Department Head
Nursing Unit Clerk	Kwantlen Univ. College	Lorraine Dotson*	Coordinator, Cont. Education
	Okanagan Univ. College	Vi Brett	Program Administrator
	Univ. College of the Fraser Valley	Ron Coreau	Program Director
	Vancouver Community College	Pat Bawtinheimer	Department Head
	West Coast College of Health Care	Daniel Chowne	Director
<u>Administrative Services -- Post-basic Level</u>			
Continuing Health Care Management	Malaspina Univ. College	Ann Avery	Coordinator
Health Administration -- Master's	Univ. of British Columbia	Dr. Dean Uyeno	Program Director
Health Care & Epidem. -- Master's	Univ. of British Columbia	Dr. Sam Sheps	Department Head
Health Care & Epidem. -- Doctorate	Univ. of British Columbia	Dr. Sam Sheps	Department Head
Health Care Management Level I	B.C. Institute of Technology	Sonia Williams*	Program Head
Health Care Management Level I	B.C. Institute of Technology	Sonia Williams*	Program Head
<u>Dental Services -- Basic Level</u>			
Dental Assisting	Camosun College	Marge Reveal	Coordinator
	College of New Caledonia	Melba Holm	Chair, Health Sciences
	College of the Rockies (EKCC)	Linda Olm-Kew	Program Coordinator
	Douglas College	Diana Hiebert	Coordinator
	Malaspina Univ. College	Valerie Owens	Coordinator
	Okanagan Univ. College	Frances Kirkpatrick	Chair
	Open Learning Agency	Debbie Payne	Program Supervisor
	Univ. College of the Fraser Valley	Betty Neetz	Coordinator
	Vancouver Comm. College	Sandra Bailey	Department Head
Dental Hygiene -- Diploma	Camosun College	Marge Reveal	Coordinator
	College of New Caledonia	Melba Holm	Chair, Health Sciences
	Vancouver Comm. College	Lynn Smith	Department Head

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APPENDIX C (continued)

Survey Respondents, by Service Area, Program, and Institution

<u>Service Area & Program</u>	<u>Institution</u>	<u>Survey Respondent</u>	<u>Position</u>
Dental Technician	Vancouver Comm. College	Jeanette McKay	Department Head
Dentistry	Univ. of British Columbia	Dr. Marcia Boyd	Associate Dean
Denturist	Vancouver Comm. College	Jeanette McKay	Department Head
<u>Dental Services -- Post-basic Level</u>			
Dental Hygiene -- Bacc.	Univ. of British Columbia	Bonnie Craig	Program Director
Dental Science -- Master's	Univ. of British Columbia	Dr. Michael MacEntee	Graduate Advisor
Oral Biology	Univ. of British Columbia	Dr. Donald Brunette	Department Head
Oral Medicine	Univ. of British Columbia	Dr. Colin Price	Graduate Advisor
Oral Pathology	Univ. of British Columbia	Dr. Colin Price	Graduate Advisor
Oral Radiology	Univ. of British Columbia	Dr. Colin Price	Graduate Advisor
Periodontics	Univ. of British Columbia	Dr. H.S. Larjava	Director, Graduate Studies
<u>Health Standards -- Basic Level</u>			
Environmental Health: Public Health Inspection	B.C. Institute of Technology	Lorraine Woolsey	Program Head
Occupational Health & Safety	B.C. Institute of Technology	Lars Larsson	Program Head
<u>Health Standards -- Post-basic Level</u>			
Health Science -- Master's	Univ. of British Columbia	Dr. Craig Stephen	Acting Program Director
Occupational Hygiene -- Master's	Univ. of British Columbia	Dr. Susan Kennedy	Program Director
<u>Human Services -- Basic Level</u>			
Community Support Worker	Camosun College	Jan Carrie	Coordinator
	Douglas College	Vickie Cammack	Coordinator
	Malaspina Univ. College	Paul Best	Coordinator
	Northern Lights College	Laurie Markling	Director of Records
	Univ. College of the Fraser Valley	Doyle Clifton*	Program Head
Counselling Skills	Kwantlen Univ. College	Lorraine Dotson*	Coordinator, Cont. Education
Developmental Disabilities	College of New Caledonia	Beverley Currie	Faculty
ECE -- Integrated Diploma	Douglas College	Diana Stewart	Technician
Home Support Attendant	Camosun College	Faye Ferguson	Coordinator
	Capilano College	Margot Rawsthorne	Coordinator
	Douglas College	Shelagh Armour-Godbolt	Coordinator
	Open Learning Agency	Diane Reed	Associate Director
Home Support/ Resident Care Attendant	College of New Caledonia	Gloria Heinzman	Instructor
	College of the Rockies (EKCC)	Catherine Blake	Instructor
	Malaspina Univ. College	Janet Allan	Coordinator
	North Island College	Linda Ruehlen	Associate Dean
	Northwest Comm. College	Joanne Fort	Coordinator, Health Prog.
	Okanagan Univ. College	Myrna Olearczyk	Chairperson
	Selkirk College	Jill Harrop	Nursing Instructor
	Univ. College of the Cariboo	Maria MacIntosh	Coordinator

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APPENDIX C (continued)

Survey Respondents, by Service Area, Program, and Institution

<u>Service Area & Program</u>	<u>Institution</u>	<u>Survey Respondent</u>	<u>Position</u>
Human Service Worker	College of the Rockies (BKCC)	Wendy Levine	Coordinator
	Kwantlen Univ. College	Susan Powell	Coordinantor
	North Island College	Linda Ruehlen	Associate Dean
	Okanagan Univ. College	Neil Madu	Instructor
	Trinity Western University	Dr. Craig Seaton	Director
	Univ. College of the Cariboo	Rory Mahood*	Coordinator
	Univ. College of the Cariboo	Marilyn Martin*	Coordinator
Institutional Aide	Vancouver Comm. College	Nadine Johnson	Coordinator
Institutional Aide -- E.S.L.	Vancouver Comm. College	Nadine Johnson	Coordinator
Personal Care Attendant Working for People with Disabilities	Capilano College	Jann Gibbs	Coordinator
Resident Care Attendant	Camosun College	Faye Ferguson	Coordinator
	Capilano College	Margot Rawsthorne	Coordinator
	Douglas College	Mary Beck	Coordinator
	Kwantlen College	Sarah Searl	Coordinator
	Northern Lights College	Laurie Markling	Director of Records
	Univ. College of the Fraser Valley	Janie Bion*	Coordinator
	Vancouver Comm. College	Pat Bawtinheimer	Department Head
	West Coast College of Health Care	Daniel Chowne	Director
Resident Care Attendant -- E.S.L.	Vancouver Comm. College	Pat Bawtinheimer	Department Head
Sign Language Interpretation	Douglas College	Jan Humphrey-Kanda	Coordinator
Social Service Worker	College of New Caledonia	Lana Coldwell	Coordinator
	Douglas College	Bob Shebib	Coordinator
	Langara College	Richard Vedan*	Department Chair
	Malaspina Univ. College	George Phillion	Coordinator
	Northern Lights College	Laurie Markling	Director of Records
	Northwest Comm. College	Larisa Tarwick	Program Support & Devel.
	Open Learning Agency	Rae Dixon	Program Supervisor
	Selkirk College	Jan Lindsay	Department Head
	Univ. College of the Fraser Valley	Doyle Clifton*	Program Head
Social Work -- Baccalaureate	Okanagan Univ. College	Vicki Bruce	Acting Director
	Univ. College of the Cariboo	Grant Larson	Associate Dean
	Univ. College of the Fraser Valley	Doyle Clifton*	Program Head
	Univ. of British Columbia	Susan Cole Marshall	Coordinator Student Services
	Univ. of Northern British Columbia	Graham Riches	Acting Program Chair
	Univ. of Victoria	Marilyn Henigman	Admissions Coordinator
	Univ. of Victoria	Diana Ellis	Administration Officer
Special Needs	Okanagan Univ. College	Nadine Gilfillan	Program Administrator
	Selkirk College	Jan Lindsay	Department Head
Substance Abuse Counselling	Northwest Comm. College	Beverley Clifton	Program Coordinator
	Univ. College of the Fraser Valley	Doyle Clifton*	Program Head
<u>Human Services -- Post-basic Level</u>			
Care of the Mentally Fragile Elderly	Malaspina Univ. College	Janet Allan	Coordinator
	Vancouver Comm. College	Pat Bawtinheimer	Department Head
Community Support	Douglas College	Vickie Cammack	Coordinator

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APPENDIX C (continued)

Survey Respondents, by Service Area, Program, and Institution

<u>Service Area & Program</u>	<u>Institution</u>	<u>Survey Respondent</u>	<u>Position</u>
Children with Special Needs (Post-basic ECE)	Camosun College	Jan Carrie	Coordinator
	Capilano College	Lois Rennie	Coordinator
	College of the Rockies (EKCC)	Ildi Walkley	Coordinator
	Kwantlen Univ. College	Eliana Tobias	Coordinator
	Langara College	Patricia McKenzie	Department Chair
	Malaspina Univ. College	Lynn Traynor	Instructor
	North Island College	Linda Ruehlen	Associate Dean
	Northern Lights College	Laurie Markling	Director of Records
	Northwest Comm. College	Rosemarie Goodwin	Program Coordinator
	Okanagan Univ. College	Linda McKinlay	Chairperson
	Univ. College of the Cariboo	H. MacDonald-Carlson	Instructor
	Univ. College of the Fraser Valley	D'Anne Epp	Instructor
Geriatric Activity Coordinator	Univ. College of the Fraser Valley	Ron Coreau	Program Director
	Kwantlen Univ. College	Lorraine Dotson*	Coordinator, Cont. Education
Gerontology	Okanagan Univ. College	Nadine Gilfillan	Program Administrator
	Simon Fraser University	Norah Holthy	Program Assistant
Home Support Attendant Upgrade	Okanagan Univ. College	Myrna Olearczyk	Chairperson
	Vancouver Comm. College	Pat Bawtinheimer	Department Head
HS/RCA Equivalency	Univ. College of the Cariboo	Maria MacIntosh	Coordinator
Home Support/ Resident Care Attendant Upgrade	College of New Caledonia	Gloria Heinzman	Coordinator
	Univ. College of the Cariboo	Maria MacIntosh	Coordinator
Policy & Practice in Health & Social Services -- Master's	Univ. of Victoria	Dr. Brian Wharf	Graduate Advisor
Resident Care Attendant Upgrade	Vancouver Comm. College	Pat Bawtinheimer	Department Head
Social Services	Douglas College	Bob Shebib	Coordinator
	Langara College	J. Rosen	Instructor
Social Work -- Master's	Univ. of British Columbia	Susan Cole-Marshall	Coordinator, Admissions
	Univ. of Northern British Columbia	Graham Riches	Acting Program Chair
Social Work (Interdisciplinary) -- Doctorate	Univ. of British Columbia	Susan Cole-Marshall	Coordinator, Admissions
Substance Abuse Counselling	Univ. College of the Fraser Valley	Doyle Clifton*	Program Head
<u>Laboratory Services -- Basic Level</u>			
Biomedical Engineering Techn.	B.C. Institute of Technology	Anthony Chan	Program Head
Cardiology Techn.	B.C. Institute of Technology	Mike King	Program Head
Cytotechnology	British Columbia Cancer Agency	Marianne Kurlak	Section Head
Electroneurophysiology Techn.	B.C. Institute of Technology	Michael Young	Program Head
Medical Clinical Assistant	West Coast College of Health Care	Daniel Chowne	Director
Medical Laboratory Assistant	Vancouver Comm. College	Pat Bawtinheimer	Department Head
	West Coast College of Health Care	Daniel Chowne	Director
Medical Laboratory Techn.	B.C. Institute of Technology	Karen Nicolson	Program Head
	Univ. College of the Cariboo	Shari Featherstone	Coordinator
Medical Radiography Techn.	B.C. Institute of Technology	Ann McMillen	Program Head
Nuclear Medicine Techn.	B.C. Institute of Technology	Lawrence Parisotto	Program Head
Radiation Therapy Techn.	British Columbia Cancer Agency	Carrie Okano	Senior Human Res. Officer
Respiratory Therapy	Univ. College of the Cariboo	Tom Dorval	Program Coordinator

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APPENDIX C (continued)

Survey Respondents, by Service Area, Program, and Institution

<u>Service Area & Program</u>	<u>Institution</u>	<u>Survey Respondent</u>	<u>Position</u>
<u>Laboratory Services -- Post-basic Level</u>			
Adv. Diploma in Medical Imaging	B.C. Institute of Technology	Ann McMillen	Program Head
Anaesthesia Techn.	Univ. College of the Cariboo	Lawrence Prins	Post Diploma Coordinator
Biochemistry -- Master's	Simon Fraser University	Dr. B.P. Brandhorst	Director
	Univ. of British Columbia	Diana Crookall	Administrator
	Univ. of Victoria	Rozanne Poulson	Admin. Officer
Biochemistry -- Doctorate	Simon Fraser University	Dr. B.P. Brandhorst	Director
	Univ. of British Columbia	Diana Crookall	Administrator
	Univ. of Victoria	Rozanne Poulson	Admin. Officer
Cardiovascular Perfusion Techn.	Univ. College of the Cariboo	Lawrence Prins	Post Diploma Coordinator
Cardiovascular Techn.	B.C. Institute of Technology	Mike King	Program Head
Cytogenetics Laboratory Techn.	B.C. Institute of Technology	Fred Bauder	Program Head
Diagnostic Medical Sonography	B.C. Institute of Technology	Anne Rhodes	Program Head
Echocardiography	B.C. Institute of Technology	Anne Rhodes	Program Head
Hlth Sci. -- Bacc. (Medical Imaging)	Open Learning Agency	Diane Reed	Associate Director
Medical Lab. Assistant Upgrade	Univ. College of the Cariboo	Shari Featherstone	Coordinator
Medical Lab. Science -- Bacc.	Univ. of British Columbia	Joanne Wouterse	Program Assistant
Medical Laboratory T. Refresher	B.C. Institute of Technology	Karen Nicolson	Program Head
Medical Radiography T. Refresher	B.C. Institute of Technology	Ann McMillen	Program Head
Nuclear Medicine T. Refresher	B.C. Institute of Technology	Lawrence Parisotto	Program Head
<u>Medical & Treatment Services -- Basic Level</u>			
Combined M.D. And Ph.D.	Univ. of British Columbia	Laurie Summers	Coord., Curric. & Stud. Aff.
Dispensing Optician -- Certificate	Douglas College	Joy Holmwood	Director, Health Sciences
Dispensing Optician -- Diploma	Douglas College	Joy Holmwood	Director, Health Sciences
Occupational First Aid	Northern Lights College	Laurie Markling	Director of Records
	Northwest Comm. College	Fred Adair*	Instructor
Medicine	Univ. of British Columbia	Laurie Summers	Coord., Curric. & Stud. Aff.
<u>Medical & Treatment Services -- Post-basic Level</u>			
Anatomy -- Master's	Univ. of British Columbia	Julian Greene	Graduate Secretary
Anatomy -- Doctorate	Univ. of British Columbia	Julian Greene	Graduate Secretary
Emergency Medical Assistant I	Justice Institute	Glen Hocking	Coordinator
Emergency Medical Assistant II	Justice Institute	Ron Bowles	Coordinator
Emergency Medical Assistant III (Advanced Life Support)	Justice Institute	Ian Dailly	Deputy Director
Emergency Medical Assistant III (Infant Transport Team)	Justice Institute	Ian Dailly	Deputy Director
Experimental Medicine -- Master's	Univ. of British Columbia	Dr. Norman Wong	Director
Experimental Medicine -- Doctorate	Univ. of British Columbia	Dr. Norman Wong	Director
Experimental Pathology -- Master's	Univ. of British Columbia	Penny Woo	Program Assistant
Experimental Pathology -- Doctorate	Univ. of British Columbia	Penny Woo	Program Assistant
Genetic Counselling -- Master's	Univ. of British Columbia	Donna Mihm	Program Manager
Medical Genetics -- Master's	Univ. of British Columbia	Donna Mihm	Program Manager

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APPENDIX C (continued)

Survey Respondents, by Service Area, Program, and Institution

<u>Service Area & Program</u>	<u>Institution</u>	<u>Survey Respondent</u>	<u>Position</u>
Medical Genetics -- Doctorate	Univ. of British Columbia	Donna Mihm	Program Manager
Microbiology -- Master's	Univ. of British Columbia	Dr. R.A.J. Warren	Graduate Advisor
	Univ. of Victoria	Rozanne Poulson	Admin. Officer
Microbiology -- Doctorate	Univ. of British Columbia	Dr. R.A.J. Warren	Graduate Advisor
	Univ. of Victoria	Rozanne Poulson	Admin. Officer
Neuroscience -- Master's	Univ. of British Columbia	Dr. P.B. Reiner	Acting Chair
Neuroscience -- Doctorate	Univ. of British Columbia	Dr. P.B. Reiner	Acting Chair
Pharmacology & Therap. -- Master's	Univ. of British Columbia	Dr. C. VanBreemen	Department Head
Pharmacology & Therap. -- Doctorate	Univ. of British Columbia	Dr. C. VanBreemen	Department Head
Physiology -- Master's	Univ. of British Columbia	Dr. Raymond Pederson	Graduate Advisor
Physiology -- Doctorate	Univ. of British Columbia	Dr. Raymond Pederson	Graduate Advisor
Repro. & Devel. Science -- Master's	Univ. of British Columbia	Dr. Peter Leung	Program Director
Repro. & Devel. Science -- Doctorate	Univ. of British Columbia	Dr. Peter Leung	Program Director
Surgery -- Master's	Univ. of British Columbia	Joanne Clifton	Research Coordinator
<u>Mental Health Services -- Post-basic Level</u>			
Clinical Psychology -- Doctorate	Simon Fraser Univ.	Dr. Ronald Roesch	Director of Clinical Training
	Univ. of British Columbia	S. Rachman	Professor
	Univ. of Victoria	Catherine Mateer	Director of Clinical Training
Clinical Psychology -- Master's	Simon Fraser Univ.	Dr. Ronald Roesch	Director of Clinical Training
Counselling Psychology -- Doctorate	Univ. of British Columbia	Dr. Richard Young	Department Head
Counselling Psychology -- Master's	Simon Fraser Univ.	Dr. Adam Horvath	Coordinator/Assoc. Professor
	Univ. of British Columbia	Dr. Richard Young	Department Head
	Univ. of Victoria	Dr. Max Uhlemann	Graduate Advisor
<u>Nursing Services -- Basic Level</u>			
Nursing -- Baccalaureate	Trinity Western Univ.	Dr. Julia Emblen	Chair, Nursing Department
	Univ. of British Columbia	Carol Jillings	Assoc. Director, Acad. Prog.
Nursing -- Combined RN/BSN	Camosun College	Janet Beales	Coordinator
	Kwantlen Univ. College	Joan Belfry	Coordinator
	Langara College	Audrey Tolhurst	Department Chair
	Malaspina Univ. College	Erika Blakeman	Coordinator
	North Island College	Linda Ruehlen	Associate Dean
	Okanagan Univ. College	Margaret Perry	Chairperson, Nursing
	Selkirk College	Jill Harrop	Nursing Instructor
	Univ. College of the Cariboo	Diane R. Wells	Chairperson of Nursing
	Univ. College of the Fraser Valley	Joan Brown/Janice Corbeil	Program Head/Assistant
Nursing -- Diploma	B.C. Institute of Technology	Bernadet Ratsoy	Associate Dean, Nursing
	College of New Caledonia	Melba Holm	Chair, Health Sciences
	College of the Rockies (EKCC)	Kate Greenaway	Department Head
	Douglas College	Tina Perret	Departmental Assistant
	Kwantlen Univ. College	Joan Belfry	Coordinator
	Northern Lights College	Margaret Jerke	Senior Instructor
	Northwest Comm. College	Joanne Fort	Coordinator, Health Prog.
	Univ. College of the Fraser Valley	Joan Brown/Janice Corbeil	Program Head/Assistant
Nursing Access	Douglas College	Tina Perret	Departmental Assistant
	Okanagan Univ. College	Margaret Perry	Chairperson, Nursing

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APPENDIX C (continued)

Survey Respondents, by Service Area, Program, and Institution

<u>Service Area & Program</u>	<u>Institution</u>	<u>Survey Respondent</u>	<u>Position</u>
Practical Nursing	College of the Rockies (EKCC)	Sharon Dixon	Instructor
	Malaspina Univ. College	Janet Allan	Coordinator
	Okanagan Univ. College	Lynn VanMontfoort	Chairperson
	Vancouver Comm. College	Diane Westwood	Department Head
Practical Nursing Access	Vancouver Comm. College	Diane Westwood	Department Head
Psychiatric Nursing	Douglas College	Ray Fournier	Recruitment Coordinator
<u>Nursing Services -- Post-basic Level</u>			
Adv. Diploma In H. Sc. (Nursing)	B.C. Institute of Technology	Moira Barnetson	Acting Director
Adv. Diploma In Psych. Nursing	Douglas College	Milo Mitchell	Director
Nursing -- Post-RN Baccalaureate	Malaspina Univ. College	Erika Blakeman	Coordinator
	Okanagan Univ. College	Margaret Perry	Chairperson, Nursing
	Univ. College of the Cariboo	Chinnama Baines	Assistant Dean of Nursing
	Univ. College of the Fraser Valley	Joan Brown/Janice Corbeil	Program Head/Assistant
	Univ. of British Columbia	Carol Jillings	Assoc. Director, Acad. Prog.
	Univ. of Northern British Columbia	Dr. Martha MacLeod	Chair, Nursing
	Univ. of Victoria	Dr. A. Molzahn/P. Blonde	Director/Admin. Officer
Hlth Sci. -- Bacc. (Nursing)	Open Learning Agency	Diane Reed	Associate Director
Hlth Sci. -- Bacc. (Psych. Nursing)	Open Learning Agency	Diane Reed	Associate Director
Community Health -- Master's	Univ. of Northern British Columbia	Dr. David Fish	Dean
Nursing -- Master's	Univ. of British Columbia	Carol Jillings	Assoc. Director, Acad. Prog.
	Univ. of Victoria	Dr. A. Molzahn/P. Blonde	Director/Admin. Officer
Nursing -- Doctorate	Univ. of British Columbia	Carol Jillings	Assoc. Director, Acad. Prog.
Critical Care Nursing Speciality	B.C. Institute of Technology	Cheryl Isaak	Program Head
Emergency Nursing Speciality	B.C. Institute of Technology	Caroline Howe	Program Head
Neonatal Nursing Speciality	B.C. Institute of Technology	Beverly Pister	Program Head
Nephrology Nursing Speciality	B.C. Institute of Technology	Colleen Varcoe	Program Head
Neurosciences Nursing Speciality	B.C. Institute of Technology	Marnie Simon	Program Head, OR Nursing
Obstetrical Nursing Speciality	B.C. Institute of Technology	Reina Van Lagen	Program Head
Occup. Hlth Nursing Speciality	B.C. Institute of Technology	Stephanie Wilson	Program Head
OR Nursing Speciality	B.C. Institute of Technology St. Paul's Hospital	Marnie Simon Susan Wynne	Program Head Nurse Clinician - OR
Paed. Crit. Care Nursing Speciality	B.C. Institute of Technology	Beverly Pister	Program Head
Paediatric Nursing Speciality	B.C. Institute of Technology	Beverly Pister	Program Head
Postanaes. Rec. Room Nursing	B.C. Institute of Technology	Cheryl Isaak	Program Head
Nursing Refresher	Kwantlen Univ. College	Billie Askey	Coordinator
	Malaspina Univ. College	Erika Blakeman	Coordinator
	Open Learning Agency	Kathy Fukuyama	Program Supervisor
Nursing Refresher -- E.S.L.	Kwantlen Univ. College	Brenda Goldman	Coordinator
Practical Nursing Refresher	Malaspina Univ. College	Janet Allan	Coordinator
	Vancouver Comm. College	Diane Westwood	Department Head
Psychiatric Nursing Refresher	Douglas College	Roberta Bend	Instructor

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APPENDIX C (continued)

Survey Respondents, by Service Area, Program, and Institution

<u>Service Area & Program</u>	<u>Institution</u>	<u>Survey Respondent</u>	<u>Position</u>
<u>Nutrition & Dietary Services -- Basic Level</u>			
Dietetics -- Bacc.	Univ. of British Columbia	Dr. Susan Barr	Professor, Nutrition
Human Nutrition -- Bacc.	Univ. of British Columbia	Joseph Leichter	Professor
Nutr. & Food Service Manag.	Langara College	Helen Armstrong	Department Chair
<u>Nutrition & Dietary Services -- Post-basic Level</u>			
Human Nutrition -- Master's	Univ. of British Columbia	Indrajit Desai	Graduate Advisor
Human Nutrition -- Doctorate	Univ. of British Columbia	Indrajit Desai	Graduate Advisor
<u>Pharmaceutical Services -- Basic Level</u>			
Pharmacology -- Bacc.	Univ. of British Columbia	Dr. C. VanBreemen	Department Head
Pharmacy -- Bacc.	Univ. of British Columbia	Dr. James Orr	Associate Dean
Pharmacy Technician	Univ. College of the Fraser Valley	Bonnie Sigaty	Assistant Programmer
	Vancouver Community College	Susan Aro	Coordinator
	West Coast College of Health Care	Daniel Chowne	Director
<u>Pharmaceutical Services -- Post-basic Level</u>			
Pharmaceutical Sciences -- Master's	Univ. of British Columbia	Dr. John Sinclair	Associate Dean
Pharmaceutical Sciences -- Doctorate	Univ. of British Columbia	Dr. John Sinclair	Associate Dean
<u>Rehabilitation Services -- Basic Level</u>			
Audiology & Speech Sci. -- Master's	Univ. of British Columbia	Dr. Judith Johnston	Director
Massage Therapy	Okan. Valley Coll. of Massage Ther.	Doug Fairweather	Education Director
	West Coast Coll. of Massage Ther.	Anne Gillies	Admissions Officer
Music Therapy -- Bacc.	Capilano College	Carolyn Kenny	Coordinator
Occupational Therapy -- Bacc.	Univ. of British Columbia	Marianne Schroeder	Coord., Student Services
Physical Therapy -- Bacc.	Univ. of British Columbia	Marianne Schroeder	Coord., Student Services
Prosthetics & Orthotics Techn.	B.C. Institute of Technology	William McGuiness	Program Head
Rehabilitation Assistant	Okanagan Univ. College	Heather Brown*	Chairperson
	West Coast College of Health Care	Daniel Chowne	Director
Therapeutic Recreation	Douglas College	Lee Chamberland	Coordinator
<u>Rehabilitation Services -- Post-basic Level</u>			
Audiology & Speech Sci. -- Master's	Univ. of British Columbia	Dr. Judith Johnston	Director
Hlth Sci. -- Bacc. (Physiotherapy)	Open Learning Agency	Diane Reed	Associate Director
Rehabilitation Sci. -- Master's	Univ. of British Columbia	Marianne Schroeder	Coord., Student Services

* Indicates person to whom survey was mailed, though no completed survey was returned.

APPENDIX D

**INDEX OF PROGRAM OFFERINGS
BY INSTITUTION**

Appendix D

Index of Program Offerings by Institution

British Columbia Cancer Agency**Basic Level**

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Medical Laboratory Technology	81
Medical Office Assistant	4
Medical Radiography Technology	81
Nuclear Medicine Technology	82
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Post-Basic Level

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Nephrology Nursing Specialty	145
Neurosciences Nursing Specialty**	146
Obstetrical Nursing Specialty	146
Occupational Health Nursing Specialty	147
Operating Room Nursing Specialty	147
Paediatric Critical Care Nursing Specialty	148
Paediatric Nursing Specialty.....	148
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Camosun College**Basic Level**

Community Support Worker.....	40
Dental Assisting	18
Dental Hygiene -- Diploma.....	20
Home Support Attendant	43
Medical Office Assistant	4
Nursing - Combined RN/BSN.....	126
Resident Care Attendant.....	49

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Children with Special Needs -- Post-basic ECE	64
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Capilano College**Basic Level**

Home Support Attendant*	43
Medical Office Assistant	4
Music Therapy	173
Personal Care Attendant for People with Disabilities	48
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Post-Basic Level

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College of New Caledonia**Basic Level**

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Dental Hygiene -- Diploma	20
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Home Support/Resident Care Attendant.....	44
Nursing -- Diploma.....	129
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Post-Basic Level

Home Support/Resident Care Attendant Upgrade	69
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College of the Rockies (East Kootenay Comm. College)**Basic Level**

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Human Service Worker	46
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Post-Basic Level

Children with Special Needs - Post-basic ECE.....	65
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Douglas College**Basic Level**

Community Support Worker	40
Dental Assisting	18
Dispensing Optician -- Certificate*.....	100
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Justice Institute

Basic Level

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Kwantlen University College

Basic Level

Counselling Skills*	41
Dental Receptionist*	2
Human Service Worker*.....	46
Medical Office Assistant	4
Nursing -- Combined RN/BSN*.....	126
Nursing -- Diploma**	130
Nursing Unit Clerk*.....	7
Resident Care Attendant.....	49

Post-Basic Level

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Langara College

Basic Level

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Nutrition & Food Service Management.....	157
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Post-Basic Level

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Post-Basic Level

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North Island College

Basic Level

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Human Service Worker	46
Medical Receptionist.....	5
Nursing - Combined RN/BSN.....	127

Post-Basic Level

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Northern Lights College

Basic Level

Community Support Worker**	40
Occupational First Aid -- W.C.B. Level III.....	102
Nursing -- Combined RN/BSN*.....	127
Nursing -- Diploma**	130
Resident Care Attendant.....	49
Social Service Worker	52

Post-Basic Level

Children with Special Needs -- Post-basic ECE 66	
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Northwest Community College

Basic Level

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Occupational First Aid -- W.C.B. Level III.....	102
Nursing -- Diploma**	130
Social Service Worker	52
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(Community Resource Worker)	56

Post-Basic Level

Children with Special Needs -- Post-basic ECE 66	
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Okanagan University College

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Basic Level	
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Dental Receptionist	2
Home Support/Resident Care Attendant	45
Human Service Worker	46
Medical/Dental Receptionist	3
Medical Office Assistant	4
Medical Secretary	6
Nursing -- Combined RN/BSN	128
Nursing Access	131
Nursing Unit Clerk*	7
Practical Nursing	132
Rehabilitation Assistant	175
Social Work -- Baccalaureate	53
Special Needs	55

Post-Basic Level

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Okanagan Valley College of Massage Therapy**Basic Level**

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Open Learning Agency**Basic Level**

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(Medical Imaging)**	93
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Selkirk College**Basic Level**

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Nursing -- Combined RN/BSN	128
Social Service Worker	52
Special Needs	55

Simon Fraser University**Post-Basic Level**

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Gerontology	68
Molecular Biology & Biochemistry -- Master's	89
Molecular Biology & Biochemistry -- Doctorate	90

St. Paul's Hospital**Post-Basic Level**

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Trinity Western University**Basic Level**

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University College of the Cariboo**Basic Level**

Home Support/Resident Care Attendant	45
Human Service Worker	47
Medical Laboratory Technology	81
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Post-Basic Level

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Cardiovascular Perfusion Technology	91
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University College of the Fraser Valley**Basic Level**

Community Support Worker	41
Dental Assisting	19
Dental Receptionist	2
Medical Office Assistant	5
Nursing -- Combined RN/BSN*	128
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Social Service Worker	53
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University of British Columbia

Basic Level

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Nursing -- Baccalaureate	126
Occupational Therapy -- Baccalaureate	173
Pharmacology -- Baccalaureate	164
Pharmacy -- Baccalaureate.....	164
Physical Therapy -- Baccalaureate	174
Social Work -- Baccalaureate.....	53

Post-Basic Level

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Audiology & Speech Sciences -- Doctorate	178
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Reproductive & Developmental Science	
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University of Northern British Columbia

Basic Level

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Nursing -- Post-RN B.S.N.....	141

University of Victoria

Basic Level

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Biochemistry -- Doctorate.....	90
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Counselling Psychology -- Master's.....	121
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Nursing -- Master's	143
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Vancouver Community College

Basic Level

Dental Assisting	19
Dental Hygiene -- Diploma.....	20
Dental Receptionist	2
Dental Technician	21
Denturist.....	22
Institutional Aide.....	47
Institutional Aide -- E.S.L.....	48
Medical Laboratory Assistant	80
Medical Office Assistant	5
Medical Secretary.....	6
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Nursing Unit Clerk.....	7

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Resident Care Attendant -- E.S.L.....	50

Post-Basic Level

Caring for Persons with Dementia (Care of the Mentally Fragile Elderly.....	64
Home Support Attendant Upgrade	68
Resident Care Attendant Upgrade.....	70
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West Coast College of Health Care**Basic Level**

Medical Clinical Assistant.....	80
Medical Laboratory Assistant	81
Nursing Unit Clerk*	7
Pharmacy Technician.....	165
Rehabilitation Assistant.....	175
Resident Care Attendant (Health Care Aide)	50

West Coast College of Massage Therapy**Basic Level**

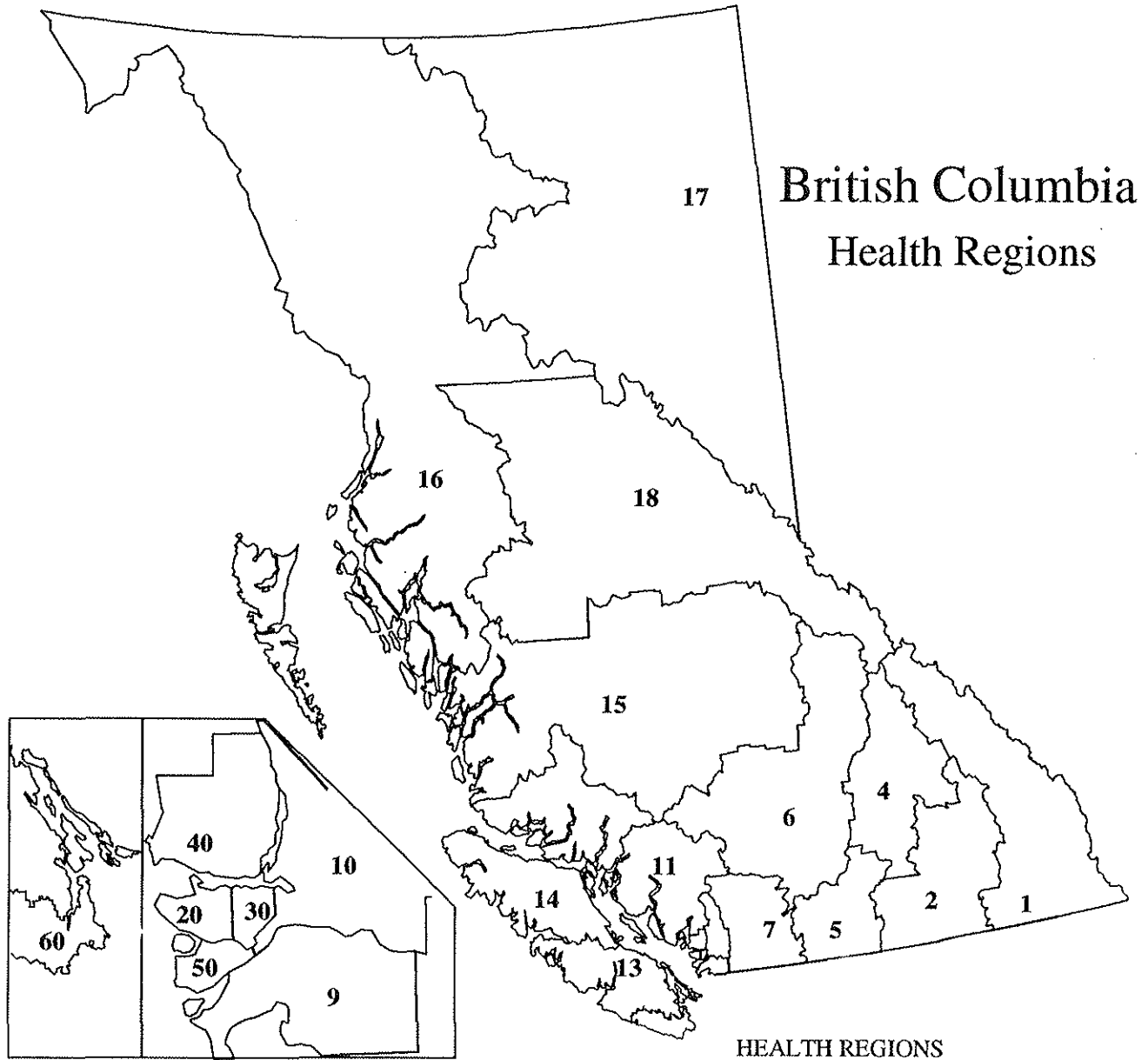
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* Indicates a new program or a new program listing.

** Indicates a program which is not currently offered, no longer offered,
or has been replaced by a new program.

APPENDIX E

**MAP OF BRITISH COLUMBIA
HEALTH REGIONS**



- | | |
|--------------------------------|---------------------------|
| 1 East Kootenay | 14 North Island/Mid Coast |
| 2 West Kootenay - Boundary | 15 Cariboo |
| 4 North Okanagan | 16 North West |
| 5 South Okanagan - Similkameen | 17 Peace River - Liard |
| 6 Thompson Valley | 18 Northern Interior |
| 7 Upper Fraser Valley | 20 Vancouver |
| 9 South Fraser Valley | 30 Burnaby |
| 10 Simon Fraser | 40 North Shore |
| 11 Coast Garibaldi | 50 Richmond |
| 13 Central Vancouver Island | 60 Capital Health |

Health Human Resources Unit
Centre for Health Services and Policy Research
The University of British Columbia
#429 - 2194 Health Sciences Mall
Vancouver, BC V6T 1Z3

Telephone: (604) 822-4810
Fax: (604) 822-5690

Some of the early reports may not be available for distribution

- HHRU 96:3** *ROLLCALL 95. A Status Report of Health Personnel in the Province of British Columbia.* October 1996. ISBN 1-896459-90-0.
- HHRU 96:2R** *Identifying the Population of Health Managers in one Canadian Province: A Two-Stage Approach.* April 1996. (A. Kazanjian, N. Pagliccia). ISBN 1-896459-89-7.
- HHRU 96:1R** *Key Factors in Physicians' Choice of Practice Location - Level of Satisfaction and Spousal Influence.* March 1996. (A. Kazanjian, N. Pagliccia). ISBN 1-896459-88-9.
- HHRU 95:5R** *The Impact of Professional and Personal Satisfaction On Perceptions of Rural and Urban: Some Analytic Evidence.* December 1993. (N. Pagliccia, L. Aplan, A. Kazanjian). ISBN 1-896459-87-0.
- HHRU 95:4** *PRODUCTION UPDATE 94. A Status Report on the Production of Selected Health Personnel in the Province of British Columbia.* May 1995. ISBN 1-896459-86-2.
- HHRU 95:3** *Health Personnel Modelling 1975-1994: An Updated Bibliography with Abstracts.* March 1995. (N. Pagliccia, K. McGrail, L. Wood). ISBN 1-896459-85-4.
- HHRU 95:2** *INVENTORY UPDATE 94. A Regional Analysis of Health Personnel in the Province of British Columbia.* March 1995. ISBN 1-896459-84-6.
- HHRU 95:1** *ROLLCALL UPDATE 94. A Status Report of Selected Health Personnel in the Province of British Columbia.* March 1995. ISBN 1-896459-83-8.
- HHRU 94:5** *PLACE OF GRADUATION 93. A Status Report on Place of Graduation for Selected Health Personnel in the Province of British Columbia.* October 1994. (K. McGrail, K. Kerluke, A. MacDonald, L. Wood). ISBN 1-896459-82-X.
- HHRU 94:4** *PRODUCTION 93. A Status Report on the Production of Health Personnel in the Province of British Columbia.* August 1994. ISBN 1-896459-81-1.
- HHRU 94:3** *ROLLCALL 93. A Status Report of Health Personnel in the Province of British Columbia.* May 1994. ISBN 1-896459-80-3.
- HHRU 94:2** *Interpreting the Historical Difficult-to-Fill Vacancy Trends - A Multivariate Analysis.* April 1994. (N. Pagliccia, A. Kazanjian, L. Wood). ISBN 1-896459-79-X.
- HHRU 94:1** *Social Work Personnel in British Columbia: Defining the population and describing deployment patterns in 1993.* January 1994. (J. Finch, A. Kazanjian, L. Wood). ISBN 1-896459-78-1.

- HHRU 93:8R** *Health Care Managers in British Columbia Part I: Who Manages Our System?, Part II: Exploring Future Directions.* December 1993. (A. Kazanjian, N. Pagliccia). ISBN 1-896459-77-3.
- HHRU 93:7** *Fee Practice Medical Services Expenditures Per Capita, and Full-Time-Equivalent Physicians in British Columbia, 1991-1992.* December 1993. (A. Kazanjian, P. Wong Fung, L. Wood). ISBN 1-896459-76-5.
- HHRU 93:6** *Social Workers in Health Care in British Columbia, 1991.* July 1993. (L.E. Apland, L. Wood, A. Kazanjian). ISBN 1-896459-75-7.
- HHRU 93:5** *Difficult-to-Fill Vacancies in Selected Health Care Disciplines in British Columbia, 1980-1991.* June 1993. (A. MacDonald, A. Kazanjian). ISBN 1-896459-74-9.
- HHRU 93:4** *ROLLCALL UPDATE 92. A Status Report of Selected Health Personnel in the Province of British Columbia.* April 1993. ISBN 1-896459-73-0.
- HHRU 93:3** *Nursing Resources in British Columbia: Trends, Tensions and Tentative Solutions.* February 1993. (A. Kazanjian, L. Wood). ISBN 1-896459-72-2. Also listed as Health Policy Research Unit Report HPRU 93:5D.
- HHRU 93:2** *Nursing Resources Models: Part I: Synthesis of the Literature and a Modelling Strategy for B.C.* February 1993. (N. Pagliccia, L. Wood, A. Kazanjian). ISBN 1-896459-71-4.
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- HHRU 92:7** *Fee Practice Medical Service Expenditures per Capita, and Full-Time-Equivalent Physicians in British Columbia, 1989-1990.* November 1992. (A. Kazanjian, P. Wong Fung, M.L. Barer). ISBN 1-896459-68-4.
- HHRU 92:6** *PLACE OF GRADUATION 91. A Status Report on Place of Graduation for Selected Health Personnel in the Province of British Columbia.* November 1992. (A. MacDonald, K. Kerluke, L.E. Apland, L. Wood). ISBN 1-896459-67-6.
- HHRU 92:5R** *Health "Manpower" Planning or Gender Relations? The Obvious and the Oblique.* June 1992. (A. Kazanjian). ISBN 1-896459-66-8.
- HHRU 92:4R** *A Human Resources Decision Support Model: Nurse Deployment Patterns in One Canadian System.* November 1992. (A. Kazanjian, I. Pulcins, K. Kerluke). ISBN 1-896459-65-X.
- HHRU 92:3** *PRODUCTION 91. A Status Report on the Production of Health Personnel in the Province of British Columbia.* May 1992. ISBN 1-896459-64-1.
- HHRU 92:2** *ROLLCALL 91. A Status Report of Health Personnel in the Province of British Columbia.* May 1992. ISBN 1-896459-63-3.
- HHRU 92:1** *Information Needed to Support Health Human Resources Management.* February 1992. (A. Kazanjian). ISBN 1-896459-62-5.

- HHRU 91:4R** *A Single Stochastic Model For Forecasting Nurse Supply and For Estimating Life-Cycle Activity Patterns.* May 1991. (A. Kazanjian). ISBN 1-896459-61-7.
- HHRU 91:3** *ROLLCALL UPDATE 90. A Status Report of Selected Health Personnel in the Province of British Columbia.* March 1991. ISBN 1-896459-60-9.
- HHRU 91:2** *Study of Rural Physician Supply: Practice Location Decisions and Problems in Retention. Volume I.* March 1991. (A. Kazanjian, N. Pagliccia, L. Apland, S. Cavalier, L. Wood). ISBN 1-896459-59-5.
- HHRU 91:1** *Registered Psychologists in British Columbia, 1990: A Status Report.* March 1991. (C. Jackson, L. Wood, K. Kerluke, A. Kazanjian). ISBN 1-896459-58-7.
- HRU 90:7**
(HMRU 90:7) *Place of Graduation for Selected Health Occupations - 1989.* November 1990. (S. Cavalier, K. Kerluke, L. Wood). ISBN 1-896459-57-9.
- HHRU 90:6**
(HMRU 90:6) *Health Managers in B.C. Part II: Who Manages Our System? - Sociodemographic Characteristics, Employment Patterns, Educational Background and Training of Health Managers.* June 1990. (A. Kazanjian, C. Jackson, N. Pagliccia). ISBN 1-896459-56-0.
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- HHRU 90:4**
(HMRU 90:4) *PRODUCTION 89. A Status Report on the Production of Health Personnel in the Province of British Columbia.* March 1990. ISBN 1-896459-54-4.
- HHRU 90:3**
(HMRU 90:3) *ROLLCALL 89. A Status Report of Health Personnel in the Province of British Columbia.* March 1990. ISBN 1-896459-53-6.
- HHRU 90:2**
(HMRU 90:2) *Proceedings of the Workshop on Priorities in Health Human Resources Research in Canada.* March 1990. (A. Kazanjian, K. Friesen). ISBN 1-896459-52-8.
- HHRU 90:1**
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- HHRU 89:4**
(HMRU 89:4) *Providers of Vision Care in British Columbia: A Report on the Status of Ophthalmologists and Optometrists, and On the Utilization of Ophthalmological and Optometric Services, 1975-1988.* July 1989. (I. Pulcins, P. Wong Fung, C. Jackson, K. Kerluke, A. Kazanjian). ISBN 1-896459-50-1.
- HHRU 89:3**
(HMRU 89:3) *Fee Practice Medical Service Expenditures Per Capita, and Full-Time-Equivalent Physicians in British Columbia, 1987-88.* August 1989. (A. Kazanjian, P. Wong Fung, M.L. Barer). ISBN 1-896459-49-8.
- HHRU 89:2**
(HMRU 89:2) *Health Managers in B.C. Part I: Methods and Preliminary Findings From Survey of Chief Executive Officers.* July 1989. (A. Kazanjian, N. Pagliccia, C. Jackson). ISBN 1-896459-48-X.
- HHRU 89:1**
(HMRU 89:1) *ROLLCALL UPDATE 88. A Status Report of Selected Health Personnel in the Province of British Columbia.* March 1989. ISBN 1-896459-47-1.
- HHRU 88:7**
(HMRU 88:7) *Place of Graduation for Selected Health Occupations - 1987.* August 1988. (K. Kerluke, C. Jackson, A. Kazanjian). ISBN 1-896459-46-3.

- HHRU 88:6**
(HMRU 88:6) *Supply of and Requirements for Academic Medical Manpower in British Columbia.* May 1988. (M.L. Barer, A. Kazanjian, N. Pagliccia). ISBN 1-896459-45-5.
- HHRU 88:5**
(HMRU 88:5) *PRODUCTION 87. A Status Report on the Production of Health and Human Services Personnel in the Province of British Columbia.* March 1988. ISBN 1-896459-44-7.
- HHRU 88:4**
(HMRU 88:4) *ROLLCALL 87. A Status Report of Health Personnel in the Province of British Columbia.* March 1988. ISBN 1-896459-43-9.
- HHRU 88:3**
(HMRU 88:3) *Social Workers in Health Care Settings in British Columbia, 1987. A Status Report.* March 1988. (I. Pulcins, S. Chan). ISBN 1-896459-42-0.
- HHRU 88:2**
(HMRU 88:2) *Diagnostic Ultrasound in British Columbia, 1986.* March 1988. (C. Kinnis, M.L. Barer). ISBN 1-896459-41-2.
- HHRU 88:1(3)**
(HMRU 88:1(3)) *The Nurse Manpower Study. Volume III: Influence of the Workplace on Nurse Manpower Supply in British Columbia: An Exploratory Study.* February 1988. (D.G. Layton). ISBN 1-896459-40-4.
- HHRU 88:1(2)**
(HMRU 88:1(2)) *The Nurse Manpower Study. Volume II: A Synthesis of the Nurse Manpower Data in British Columbia.* February 1988. (I. Pulcins, A. Kazanjian, K. Kerluke). ISBN 1-896459-39-0.
- HHRU 88:1(1)**
(HMRU 88:1(1)) *The Nurse Manpower Study. Volume I: Report of the Nurse Manpower Study Advisory Committee.* February 1988. ISBN 1-896459-38-2.
- HHRU 87:4**
(S:24) *Difficult-to-Fill Vacancies in the Health Care Field, British Columbia, 1980-1986.* June 1987. (C. Kinnis). ISBN 1-896459-37-4.
- HHRU 87:3**
(HMRU 87:1) *Fee Practice Medical Service Expenditures per Capita, and Full-Time-Equivalent Physicians in B.C., 1985-86.* March 1987. (M.L. Barer, P. Wong Fung). ISBN 1-896459-36-6.
- HHRU 87:2**
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- HHRU 87:1**
(S:23) *Dental Hygienists in British Columbia, 1985: A Survey of Demographic, Educational and Career Patterns.* February 1987. (I. Pulcins, V. Lee). ISBN 1-896459-34-X.